American Heart Journal

The international publication for the study of the heart and circulation

Editor in Chief: **DEAN T. MASON, M.D.**

Managing Editor: **LESLIE J. SILVERNAIL**

Editorial Board

W. Gerald Austen, M.D., *Boston*
Najam A. Awan, M.D., *Davis*
Daniel S. Berman, M.D., *Los Angeles*
J. Thomas Bigger, M.D., *New York*
William J. Bommer, M.D., *Davis*
Lawrence I. Bonchek, M.D., *Milwaukee*
Lawrence S. Cohen, M.D., *New Haven*
Lawrence H. Cohn, M.D., *Boston*
John J. Collins, Jr., M.D., *Boston*
C. Richard Conti, M.D., *Gainesville*
Anthony N. DeMaria, M.D., *Lexington*
Mary Allen Engle, M.D., *New York*
Harvey Feigenbaum, M.D., *Indianapolis*
Victor F. Froelicher, M.D., *San Diego*
Paul C. Gillette, M.D., *Houston*
John F. Goodwin, M.D., *London*
Antonio M. Gotto, Jr., M.D., *Houston*
Rolf M. Gunnar, M.D., *Maywood*
W. Proctor Harvey, M.D., *Washington, D.C.*
Richard H. Helfant, M.D., *Philadelphia*
Walter L. Henry, M.D., *Irvine*
J. O'Neal Humphries, M.D., *Columbia*
J. Willis Hurst, M.D., *Atlanta*
Mark E. Josephson, M.D., *Philadelphia*
William B. Kannel, M.D., *Framingham*
Norman M. Kaplan, M.D., *Dallas*
Samuel Kaplan, M.D., *Cincinnati*
Joseph A. Kisslo, M.D., *Durham*
Garrett Lee, M.D., *Miami*
Michael Lesch, M.D., *Chicago*
Floyd D. Loop, M.D., *Cleveland*
Reginald I. Low, M.D., *Sacramento*
Robert I. Levy, M.D., *Boston*
Dan G. McNamara, M.D., *Houston*
Richard R. Miller, M.D., *Oakland*
Robert A. O'Rourke, M.D., *San Antonio*
Joseph K. Perloff, M.D., *Los Angeles*
Bertram Pitt, M.D., *Ann Arbor*
Charles E. Rackley, M.D., *Washington, D.C.*
Thomas A. Riemenschneider, M.D., *Cleveland*
Robert L. Reis, M.D., *Miami*
William C. Roberts, M.D., *Bethesda*
David J. Sahn, M.D., *Tucson*
Robert C. Schlant, M.D., *Atlanta*
Pravin M. Shah, M.D., *Los Angeles*
Walter Sommerville, M.D., *London*
James T. Willerson, M.D., *Dallas*
David O. Williams, M.D., *Providence*
Roger A. Winkle, M.D., *Stanford*
Richard M. Zakheim, M.D., *Miami*
Robert F. Zelis, M.D., *Hershey*
Douglas P. Zipes, M.D., *Indianapolis*

VOLUME 106

JULY-DECEMBER 1983

VOLUME 106

COPYRIGHT© 1983 BY

THE C.V. MOSBY COMPANY

All rights reserved

Printed in the United States of America

Author index*

A

Abbott RD, 389
Abdollah H, 876
Abe I, 558
Abinader EG, 1161 (BC)
Acchiardo SR, 237
Aderka D, 424
Agarwal JB, 1347
Ahmadpour H, 21
Al-Abbasi AH, 1450 (L)
Alexander Jay, 1159 (BC)
Alexander Jonathan, 638
Allen JW, 21
Alpert JS, 935
Altschuld R, 29
Alvarez JR, 606 (L)
Amenta A, 1089
Amery A, 321
Ames RP, 1207
Anderson JL, 1437 (BC)
Anderson SJ, 571, 577, 582
Arakawa K, 1164 (BC)
Ari JB, 591 (BC)
Ariza NS, 1171 (L)
Austin EH, 1357
Avakian D, 1036
Awan NA, 35
Axelrod P, 1326

B

Bache RJ, 1082
Bacos JM, 271
Bailey WW, 1121
Baker S, 505
Ballantyne F III, 670
Balsara RK, 1406
Banka VS, 1347
Bardos P, 973
Barlow JB, 775 (L)
Bar-On H, 770 (BC)
Bar-Or O, 316
Barrio JR, 736
Barry WH, 1399
Bashour TT, 609, 780
Bateman TM, 263, 1421, 1448 (L)
Bates ER, 161 (BC)
Bates PD, 404
Batist G, 51
Bauernfeind RA, 450
Bayer R, 14
Beall AC Jr, 594 (BC)
Beard JT, 397
Beattie JM, 35
Becker AE, 631
Belhassen B, 604 (L), 1441 (BC)
Beling S, 258
Beller GA, 1369
Benchimol A, 159 (BC), 606 (L)
Benham I, 771 (BC)
Benge C, 505
Berg PA, 338
Berger HJ, 638
Berman DS, 263, 989, 1003, 1421, 1448 (L)
Bernhard WF, 60
Bhargava V, 41, 1377
Bianchine JR, 1228
Bifolck L, 78
Bigger JT Jr, 459
Billingham ME, 535, 1048
Bilsker MS, 1171 (L)
Bink-Boelkens MTE, 125
Birkenhäger WH, 1235, 1281, 1283
Bishop HL, 1369
Blair H, 619
Blake S, 432
Blaker M, 51
Blanke H, 687
Blieden LC, 55, 761 (BC)
Blomqvist CG, 435
Blonsky ER, 1159 (BC)
Bloor CM, 149 (BC)
Blum M, 425
Blumleim S, 1383
Bockemuehl K, 1048
Boden WE, 771 (BC)
Bodenheimer MM, 1347
Bogaty D, 516
Bolli R, 1014
Bolton S, 478
Bommer WJ, 1152 (BC), 1389
Borow KM, 443, 1177
Bortolotti U, 166 (BC)
Botvinick EH, 996
Boucher CA, 70, 1105
Boudoulas H, 356
Bourland JD, 300
Bowles MJ, 1297
Bracchetti D, 308
Brandon TA, 1014
Braunwald E, 644
Brechenmacher C, 604 (L)
Breisch EA, 149 (BC)
Brewster HP, 780
Bristow MR, 535, 1048
Brohet CR, 424
Brooks CH, 404
Brown E, 51
Brown KA, 70
Brugada P, 876
Brundage BH, 369, 1432
Buchbinder NA, 414
Bufalino VJ, 1138
Burn CS, 1057
Busemann-Sokele E, 528
Buxton AE, 693, 1029

C

Caldwell RL, 710
Campos V, 1447 (BC)
Cannom DS, 895
Cantelli I, 308
Cappello G, 1170 (L)
Carabello BA, 1369
Caralis PV, 245
Carleton RA, 771 (BC)
Carliner NH, 464
Caruso FS, 212
Cary JR, 652
Cascade PN, 1332
Casta A, 1406
Castellanos A, 92
Castelli WP, 571, 577, 582, 1191
Chacko KA, 155 (BC)
Charuzi Y, 414
Chatterjee K, 848, 1036
Chee TP, 606 (L)
Chen R, 1306
Cheng TO, 609, 780
Cherian G, 155 (BC)
Chiale PA, 957
Chiariello M, 1170 (L)
Childs W, 1057
Choh JH, 409
Choi BW, 638
Christlieb R, 51
Chrysant SG, 1243
Cleveland RJ, 1150 (BC)
Cobb LA, 492
Coelho A, 1443 (BC)
Cohen G, 606 (L)
Cohen J, 14
Cohn JN, 100, 1315
Cohn LH, 443
Cohn PF, 78
Collins JJ, 443
Colvin S, 362
Coma-Canella I, 278
Comess KA, 501
Condorelli M, 1170 (L)
Conn RC, 965
Constantine JW, 1216
Conti CR, 1133, 1288, 1341
Cook DH, 63
Cook SA, 381
Cooper Marsha D, 659
Cooper Michael, 1161 (BC)
Corwin RD, 1156 (BC)
Costello D, 107
Coull BM, 169 (L)
Crawford MH, 1143
Crockett JE, 965
Cuddy TE, 1438 (BC)
Czer LSC, 1421

D

Datz F, 1437 (BC)
David D, 284
Davies AB, 1297
Davis LD, 670
Davison R, 1159 (BC)
Dehmer GJ, 114
de Leeuw PW, 1235
Denes P, 703
Desser KB, 159 (BC), 606 (L)
de Vente J, 292
Devereux RB, 571, 577, 582
Dhingra R, 1443 (BC)
Ditchey RV, 46
Djalaly A, 1066
Dlin RA, 316
Donaldson RM, 1454
Dreifus LS, 284
Dubbs WF, 406
DuBrow IW, 1411
Duffy CE, 450

*July, Part 1, pp. 1-182; July, Part 2, pp. 183-262; August, pp. 263-434; September, pp. 435-618; October, Part 1, pp. 619-786; October, Part 2, pp. 787-964; November, Part 1, pp. 965-1188; November, Part 2, pp. 1189-1284; December, pp. 1285-1486. *Key:* In this index, (BC) = brief communication, and (L) = letter to the Editor.

Duncan WJ, 63
Dunlap TE, 167 (BC)
Dunn RF, 996
Durrer D, 528

E

Echeverria H, 1171 (L)
Eckner FAO, 1411
Edmiston WA, 21
Effert S, 973
Eichstädt H, 329
Eisendrath SJ, 419
Eldar M, 420
Elizari MV, 957
Elkayam U, 1057
Ellestad M, 1448 (L)
Elliott HL, 1222
Ellis RJ, 1096
El-Maraghi NRH, 1449 (L)
El Tobgi S, 131
Erbel R, 973
Evenson MK, 35
Eygelaar A, 125
Ezri M, 693

F

Fagard R, 321
Falk RH, 422
Falkner FC, 1269
Famularo MA, 1440 (BC), 1448 (L)
Faxon DP, 981
Feigenbaum H, 710
Feinleib M, 571, 577, 582
Feld G, 895
Feldman RL, 1288, 1341
Fenster PE, 501
Fernandez GC, 1014
Ferrufino O, 278
Fesler R, 424
Feteih N, 594 (BC)
Finch EL, 614
Fiolet JWT, 631
Firth BG, 114
Fisher J, 409, 425
Fisher DJ, 1014
Fisher LD, 981
Fisher ML, 464
Fitzgerald PJ, 521
Fitzgerald R, 381
Flouvat B, 1228
Fodor F, 1228
Forman R, 1042
Forstrom LA, 1082
Foster JR, 505
Fowles RF, 614
Frais M, 996
Franciosa JA, 171 (L)
Francis GS, 100, 1315
Freeman M, 263, 989
Freis ED, 185
Friedling S, 604 (L)
Friedman E, 484
Frishman W, 1042
Frumin H, 401
Fujii T, 509
Fujimoto T, 1023
Fujiwara S, 1444 (BC)
Fulkerson PK, 356
Fulton DR, 60
Funk EJ, 771 (BC)
Furey SA III, 1112
Fyfe D, 381

G

Gamsu G, 1432
Gang E, 459
Ganz P, 1399
Ganz W, 1421
Garcia E, 263
Garcia J, 1447 (BC)
Gardin JM, 1057
Garrison RJ, 571, 577, 582
Garson A Jr, 619
Gaspar J, 1399
Geft IL, 1421
Gelberg HJ, 369
Geltman E, 644
Georghiade M, 1369
Gershengorn KN 419
Gertz EW, 1096
Gettes LS, 505
Geuze RH, 292
Gewirtz H, 674, 681
Gibbons JA, 406
Gilbert J, 1159 (BC)
Giles T, 221
Gill CC, 381
Gillespie K, 848
Gillette PC, 619, 1438 (BC)
Gillum RF, 783
Gingell RL, 409
Ginsburg R, 535
Girod DA, 710
Gitler B, 563
Gitler ES, 563
Glaser J, 606 (L), 775 (L)
Glenn TM, 1077
Gliklich J, 459
Glover MU, 406, 601 (BC)
Goldberg MJ, 401
Goldberger AL, 172 (L)
Goldsmith SR, 1315
Goldstein SA, 271
Gonzalez LN, 278
Goor D, 761 (BC)
Goormastic M, 1427
Goris ML, 1048
Gosalia KP, 554
Gosselin AJ, 981
Gottschalk A, 638
Graboys TB, 870
Gray RJ, 723, 728, 1421
Greene HL, 492, 698
Greengart A, 478
Greenspan AM, 881
Grenadier E, 407, 591 (BC), 1157 (BC)
Gross BW, 492, 698
Grover FL, 1143
Grunwald AM, 1369
Gulamhusein S, 145 (BC)
Gumbiner CH, 540
Gunnar R, 1138
Gura GM, Jr, 965
Gutgesell HP, 540
Guthaner DF, 614
Gutman J, 989

H

Haedo A, 957
Haffajee CI, 935
Hageman GR, 547
Hager WD, 501
Haïat R, 171 (L)
Hakim O, 609
Hakki A-H, 1089
Hamamoto Hajime, 1167 (BC)
Hamamoto Hiromu, 1023
Hamazaki Y, 596 (BC)
Hamby RI, 471
Hamer A, 943
Hamilton RA, 170 (L)
Hanna ES, 780
Hanne N, 316
Hansen H, 736
Hara K, 624
Harder E, 594 (BC)
Hardjowijono RA, 125
Harrington DP, 1399
Harris L, 916
Harrison DC, 535
Hart RG, 169 (L)
Harthorne JW, 1105
Hartzler GO, 965
Hastreiter AR, 1411
Hattori S, 624, 1347
Hayashi J, 624
Haywood LJ, 21
Healey J, 590 (BC)
Heger JJ, 812, 887, 931
Heibig J, 594 (BC)
Helfant RH, 1347
Helgeland A, 1200, 1253
Henion WA, 14
Henkin R, 1138
Hennig E, 766 (BC)
Henry WL, 1057
Henze E, 736
Herfkens RJ, 1432
Hess DS, 1306
Hess OM, 1377
Higgins CB, 41, 107
Hilal A, 14
Hill C, 1341
Hill JA, 1288, 1341
Hillis LD, 114, 652
Hirano M, 1167 (BC)
Hjermann I, 1200
Hoffman I, 471
Holder D, 1449 (L)
Hollander G, 478
Hollenberg M, 1096
Holman BL, 78
Holme I, 1200
Holmes DR Jr, 981
Holt DW, 840
Holt J, 687
Homan van der Heide JJ, 125
Hooper W, 107
Horan MJ, 717
Horowitz LN, 881
Hougen TJ, 60
Huang S-C, 736
Hughes WE, 1077
Hurwitz RA, 710
Hutchinson RG, 516

I

Ichimaru Y, 1173 (L)
Idoine J, 78
Ikeda RM, 403, 587 (BC), 1152 (BC), 1389
Ingram DV, 902
Inoue H, 147 (BC)
Iseri LT, 1057
Ishimitsu T, 147 (BC)
Ishimori T, 169 (L)
Iskandrian A, 1089
Isner JM, 1150 (BC)
Ito I, 1
Itskovitz HD, 598 (BC)

J

Jackson PR, 840
Jaen E, 1447 (BC)
Jaffe AS, 644
James TN, 547
Jauernig R, 766 (BC)
Johnson SM, 652
Johnson WL, 965
Jolly SR, 8
Jonas S, 478
Jones RH, 1357

Josephson ME, 604 (L), 693, 1029
Joswig BC, 601 (BC)
Judkins MP, 981
Jugdutt BI, 757 (BC)

K

Kabbani SS, 780
Kallok MJ, 300
Kambara H, 1450 (L)
Kan G, 528
Kane SA, 1089
Kannel WB, 389, 571, 577, 582
Kantrowitz NE, 521
Kaplan K, 1159 (BC)
Karl DM, 1160 (BC)
Karlson KE, 1156 (BC)
Kashani IA, 778 (L)
Katayama K, 509
Katzenberg G, 501
Kawabori I, 1121
Kawai C, 1450 (L)
Kawasaki T, 558
Kawazoe N, 558
Kay HR, 881
Keane JF, 60
Keen R, 736
Keidar S, 1157 (BC)
Kennedy HL, 717
Kereiakes DJ, 1432
Kerin NZ, 1332
Kessler KM, 1171 (L)
Kessler RM, 1171 (L)
Khan AH, 771 (BC)
Kim SJ, 21
King DH, 1438 (BC)
Kingsley EM, 554
Kinoshita S, 1162 (BC), 1444 (BC)
Kirch D, 1353
Kitajima K, 1164 (BC)
Kitamura K, 1167 (BC)
Kitazume H, 131, 1427
Kleiger RE, 484
Klein GJ, 145 (BC)
Kligfield P, 582
Kloner JA, 1009
Kloner RA, 1009
Ko P, 145 (BC)
Kochsiek K, 329, 338
Kolibash AJ, 29
Kolman B, 1326
Koseki S, 1
Kosinski E, 51
Kowey PR, 1321
Kramer JR, 131, 169 (L), 1427
Kramer PH, 1066
Krauthamer D, 131
Krebs W, 973
Krikler DM, 916
Krishnaswami S, 155 (BC)
Kronzon I, 362
Kübler W, 766 (BC)
Kusukawa R, 509

L

Lababidi Z, 751 (BC), 752 (BC)
Lambert CR Jr, 136
Lampainen E, 753 (BC)
Laniado S, 1441 (BC)
Lasser A, 771 (BC)
Laurenson RD, 149 (BC)
Lázzari JO, 957
Leader JP, 1269
Lebel W, 1216
Lee G, 403, 587 (BC), 1152 (BC), 1389
Lee SJK, 757 (BC)
Lehrer E, 762 (BC)
Leier CV, 29
LeJemtel TH, 1042
Leland OS Jr, 51
Lengfelder W, 766 (BC)
Leren P, 1190, 1200, 1214
Lerman BB, 693, 1029
Levine FH, 401, 1105
Levine TB, 1315
Levinsky L, 409
Levy D, 571, 577, 582
Levy MN, 1112
LeWinter MM, 107
Lewis RP, 29, 356
Lewis SE, 114
Lichstein E, 478
Lie KI, 528, 631
Lijnen P, 321
Lindsay J, 271
Lipscomb K, 435
Lipton MJ, 1432
Livelli F, 459
Longenecker GL, 1077
Lopez-Sendon J, 278
Losi M, 258
Love JC, 935
Lown B, 870, 1321
Lucchesi BR, 8, 426
Lui H, 403, 587 (BC)
Lytle BW, 381

M

Maddahi J, 263, 989, 1421
Magorien RD, 29
Maisch B, 329, 338
Malacoff RF, 78
Mandel WJ, 943, 1023
Marchlinski FE, 693
Marcus FI, 924
Mark R, 1326
Marsh R, 501
Marshall HW, 1437 (BC)
Marshall LA, 414
Martin-Duran R, 172 (L)
Maskin C, 1042
Mason DT, 35, 85, 403, 587 (BC), 1152 (BC), 1389
Materson BJ, 183, 188
Matloff JM, 723, 728
Matsuda M, 1
Matsuda Y, 509, 1427
Matsuo H, 147 (BC)
Matsuzaki M, 509
Mauritson DR, 652
Mautner RK, 659
Mayer E, 338
Mazur JH, 149 (BC)
McAllister CB, 951
`tcCallister BD, 965
McConahay DR, 965
McEnany MT, 771 (BC)
McKenna WJ, 916
McKillop JH, 1048
McMahon FG, 229
McNamara PM, 389, 571
McQueen MJ, 1449 (L)
Mehta J, 1133, 1341
Meijne NG, 631
Meltzer RS, 177, 528, 1394
Mendizabal RC, 403
Mercurio P, 362
Meredith PA, 1222
Messenger JC, 1440 (BC)
Messmer BJ, 973
Meyer J, 973
Michelson EL, 284
Mickle DK, 665
Middlehof C, 631
Milano A, 166 (BC)
Miller DC, 614
Miller JP, 484
Miller RR, 85, 1014
Milo S, 761 (BC)
Mills H, 414
Minale C, 973
Miranda M, 374
Misbach GA, 996
Misrahi D, 1441 (BC)
Mitchell RS, 614
Miwa K, 1450 (L)
Mizutani M, 1162
Mock MB, 981
Mohanty LB, 163 (BC)
Mohanty PK, 163 (BC)
Moleiro F, 92
Montondo D, 14
Moodie DS, 381
Morady F, 369, 848, 1306
Mori H, 624
Morikawa H, 1167 (BC)
Morledge JH, 229
Mortera C, 172 (L)
Most AS, 674, 681
Mostow N, 906
Motro M, 55, 407, 420, 599 (BC), 762 (BC)
Mottė G, 604 (L)
Moyer RR, 1250
Mudge GH Jr, 78
Muller JE, 644
Munster EW, 1269
Murao S, 147 (BC)
Myerburg RJ, 92, 1171 (L)
Myers R, 594 (BC)

N

Naccarella F, 308
Nademanee K, 857, 895
Naito H, 509
Naito M, 284
Naito S, 1164 (BC)
Nakano H, 596 (BC)
Nakamura Y, 624
Nanda NC, 1069
Nanfro JJ, 406
Needham KE, 35
Neill WA, 554
Neiss ES, 258
Neptune W, 51
Neufeld HN, 55, 177, 420, 599 (BC), 761 (BC), 762 (BC)
Nichols WW, 136
Nicod P, 114
Ninomiya K, 63
Nishimoto Y, 1167 (BC)
Nixon JV, 435
Nolan NG, 271
Norwood WI, 60
Noveck RJ, 221

O

Oberman A, 1258
O'Connell J, 1138
Oei HHH, 1077
Ogata C, 403, 1152 (BC), 1389
Ogawa H, 509
Ogawa S, 624
Ohley WH, 674
Okada RD, 70, 1105
Okimori K, 1444 (BC)
Olivari MT, 1315
Oliver GC, 484
Olthof H, 631
Olukotun AY, 1369
Omae T, 558

O'Neil JA, 1269
Oriel RJ, 777 (L)
O'Riordan AC, 1406
Osuzu F, 624
Otsuka K, 1173 (L)
Ott D, 619
Oxendine JM, 554
Ozaki M, 509

P

Padgett NE, 717
Paladino W, 681
Palant A, 407, 591 (BC), 1157 (BC),
Palileo E, 450, 1443 (BC)
Pamelia FX, 1369
Pantaleo N, 263
Pantano JA, 777 (L)
Parchi C, 308
Parks R, 100
Parmley WW, 996, 1036, 1383
Patterson E, 426
Pavesi PC, 308
Payne DD, 1150 (BC)
Pepine CJ, 136, 1133, 1288, 1341
Pereira CB, 374
Perez-Stable E, 245
Perry D, 1326
Perry HM Jr, 251
Peter T, 943, 1003, 1023
Peters RW, 464
Pettinger M, 981
Phelps ME, 736
Phillips HR, 70
Phillips JH, 659
Pichard AD, 687
Pichler M, 1003
Pick RA, 406
Picó-Aracil F, 1447 (BC)
Pieroni DR, 409
Pierpont G, 1315
Pimenta J, 374
Pinkhas J, 424
Platia EV, 698
Plotnick GD, 464
Podrid PJ, 870
Poehlmann H, 1066
Pohost GM, 70, 1105
Ponto RA, 1082
Pool PE, 1237, 1258
Popat KD, 167 (BC)
Popp RL, 521
Porter CJ, 619
Ports TA, 1036
Pozen R, 92
Prakash MN, 471
Prakash NS, 606 (L)
Pratt CM, 85
Proudfit WL, 131, 1427, 1451
Province MA, 484
Pruss T, 208
Prystowsky EN, 812, 887, 931
Pyörälä K, 753 (BC)

Q

Quinones MA, 85
Quiros A, 221

R

Raftery EB, 1297
Rakita L, 906
Ramos F, 1447 (BC)
Rao P, 1332
Rathyen W, 151 (BC)
Raunio H, 753 (BC)
Raymond MJ, 1421
Rebeck K, 1152 (BC). 1389
Redd R, 1440 (BC)
Reid JL, 1222
Reid PR, 698
Reiffel JA, 459
Reis RL, 403, 587 (BC), 1152 (BC), 1389
Rentrop P, 687
Resnick S, 464
Rhodes CA, 1353
Ribner H, 1042
Richardson DW, 516
Rickards AF, 1454
Riemenschneider TA, 1152 (BC), 1389
Rios JC, 516
Rissanen V, 753 (BC)
Rizos I, 766 (BC)
Robbins JA, 163 (BC)
Robert A, 424
Roberts WC, 1181
Robinson JA, 1138
Roden DM, 951
Roelandt J, 1394
Rosen KM, 450, 1443 (BC)
Rosen MR, 798, 829
Rosenbaum MB, 957
Rosenberg MJ, 703
Rosenthal AR, 60
Rosenzweig MS, 1069
Ross AM, 516
Ross J Jr, 1377
Rothbart SJ, 1170 (L)
Roux A, 1228
Rowe RD, 63
Rowland E, 916
Rozanski A, 263, 989
Rozanski JJ, 92
Rubenfire M, 401, 1332
Ruff PD, 356
Ruipérez JA, 1447
Ruiz JA, 1447 (BC)
Rutherford BD, 965
Ryan TJ, 981

S

Saffer SI, 435
Safley W, 1406
Sager D, 412
Saito A, 596 (BC)
Saito H, 1173 (L)
Saksena S, 151 (BC), 1170 (L)
Salel AF, 1237
Salem DN, 1150 (BC)
Samant AR, 159 (BC)
Sanders M, 478
Santinelli V, 1170 (L)
Sapire DW, 1406
Sato Y, 1173 (L)
Savage DD, 389, 571, 577, 582
Saxton C, 1189
Schaffenburg M, 284
Schaffer SW, 1077
Scheinman MM, 464, 607 (L), 848, 1306
Schelbert HR, 736
Schiller NB, 1066
Schmitz H-J, 973
Schneeweiss A, 55, 177, 599, 761 (BC), 762 (BC)
Schnittger I, 521
Schollmeyer MP, 300
Schon HR, 736
Schroeder JS, 535
Schubert U, 338
Schuger C, 591 (BC)
Schulz W, 973
Schwartz A, 848
Schwartz JB, 173
Schwartz JS, 1082
Schwartz PE, 638
Schwarzkopf A, 521
Scott E, 1341
Seagren SC, 1237
Sears GK, 492
Seaver PR, 1150 (BC)
Segal BL, 1089
Selin C, 736
Semel JD, 1160 (BC)
Senges J, 766 (BC)
Sethna D, 723, 728
Seto K, 1173 (L)
Sewell DH, 554
Shabetai R, 46, 1377
Shah AA, 21
Shah PK, 1003, 1421
Shah VD, 1449 (L)
Shani J, 478
Shannon C, 1438 (BC)
Shapira I, 1441 (BC)
Sheldon WC, 381
Shell W, 665
Shellock F, 1003
Shem-Tov A, 55, 407, 761 (BC),
Shen E, 848
Shriver KK, 717
Siddoway LA, 951
Siegel LA, 1042
Siegel P, 151 (BC)
Sievers R, 1383
Silverberg DS, 316
Simpson RJ Jr, 505
Singh AK, 1156 (BC)
Singh BN, 787, 788, 857, 895, 1003
Singleton W, 1265, 1269
Sirowatka J, 1369
Sklar J, 1353
Skoutakis VA, 237
Sloan KC, 935
Sloss LJ, 443
Slotkoff L, 233
Slutsky RA, 41, 107
Smith H, 687
Smith HC, 981
Smith R, 1416
Smyth NPD, 412
Sobol SM, 906
Sones FM Jr, 131, 1427
Sonnenblick EH, 1042
Sorensen SG, 1143
Sorkin RP, 161 (BC), 167 (BC)
Speilman SR, 881
Sprague MK, 717
Sridhar S, 159 (BC)
Srinivasan V, 409
Staessen J, 321
Stanger P, 1306
Staniloff H, 263
Starling MR, 1143
Steele P, 1353
Steingo L, 775 (L)
Stevens GF, 757 (BC)
Stevenson JG, 1121
Stevenson WG, 895
Stinson EB, 535
Stobbe D, 403, 587 (BC), 1152 (BC), 1389
Stokes J III, 571
Stone PH, 644
Storey GCA, 840
Strasberg B, 450
Strauss HW, 70, 1105
Strom J, 1042
Subramanian S, 409
Subramanian VB, 1297
Sugishita Y, 1

Sukumar IP, 155 (BC)
Sullam PM, 422
Sullivan M, 681
Swan HJC, 665, 989, 1003
Sweeney M, 1029
Swensson RE, 778 (L)
Swerdlow B, 1326
Swiryn S, 450
Szabadi RR, 212

T

Tacker WA Jr, 300
Takahashi M, 624
Takanashi T, 1167 (BC)
Takayanagi K, 147 (BC)
Takeda H, 1167 (BC)
Tamura T, 1
Tanabe Y, 624
Taylor AA, 85
Taylor CR, 1265, 1269, 1369
Taylor PC, 381
Taylor RF, 757 (BC)
Tei C, 172 (L)
ten Cate F, 1394
Thanavaro S, 484
Theis JH, 403, 587 (BC), 1152 (BC)
Thiene G, 166 (BC)
Thomas E, 577
Tobis J, 1057
Trobaugh GB, 492
Tsujimura Y, 1167 (BC)
Tucker GT, 840
Turi ZG, 644
Tyberg JV, 996

U

Ueda K, 596 (BC)
Unger R, 419
Unverferth DV, 29
Uretz E, 703
Urthaler F, 547
Uusitupa M, 753 (BC)

V

Valfré C, 166 (BC)
Valk NK, 1394
van der Horst RL, 1411
van der Wieken RL, 528
VanVleet JF, 300
Vasilomanolakis E, 1448 (L)
Velvis H, 125
Vered Z, 177
Verkleeren JL, 601 (BC)
Verrier RL, 1321
Verschueren LJ, 321
Vieweg WVR, 406
Vikovich RA, 258
Visser CA, 528, 1394
Vlay SC, 604 (L), 698
Vlietstra RE, 981
Vogel R, 1353
Vrobel T, 906
Vukovich RA, 212

W

Wackers FJT, 638
Wald SH, 780
Wartenburg A, 598 (BC)
Wasserman AG, 516
Watson DD, 1369
Waxman A, 263, 989
Waxman HL, 1029
Webb CR, 881
Webb E, 258
Weeks R, 1216
Weintraub WS, 1347
Weiss D, 943
Weiss J, 895
Weissman RH, 471
Wellens HJJ, 876
Werner JA, 492, 698
Westveer D, 1443 (BC)
Wexler J, 1042
Weyman AE, 710
White NJ, 1416
White RS, 1437 (BC)
Whittle JL, 1288
Wikman-Coffelt J, 1383
Wilkinson GR, 951
Wilkinson P, 1036
Willens HJ, 1332
Willerson JT, 652
Williams DO, 674
Williams GW, 1427
Wilson DB, 149 (BC)
Winearls CG, 1416
Winer HE, 362
Winniford MD, 652
Wisneski JA, 1096
Wit AL, 345, 798, 829
Wolf PS, 208
Woolridge JD, 590 (BC)
Woosley RL, 951
Wortham E, 1160 (BC)
Wu, Ning 345
Wynne J, 443

Y

Yahalom J, 770 (BC)
Yahini JH, 420
Yamaguchi I, 1
Yanaga T, 1173 (L)
Yepsen SC, 85

Z

Zacks DJ, 757 (BC)
Zaman L, 92
Zaret BL, 638
Zeppilli P, 775 (L)
Ziff C, 687
Zimmerman J, 770 (BC)
Zipes DP, 787, 812, 887, 931
Zisblatt M, 258

Subject index*

A

Abdominal situs inversus, thoracic situs solitus, and normal circulation, two cases of isolated levocardia with (Chacko et al.), 155 (Brief comm.)
Abducens nerve palsy, intravenous nitroglycerin-induced (Alexander et al.), 1159 (Brief comm.)
Ablation, His bundle, transcatheter, new proposed treatment of junctional automatic ectopic tachycardia by (Gillette et al.), 619
  transvenous AV junctional (Scheinman), 607 (Letter)
Abnormalities, Minnesota Code Q-QS, sensitivity and specificity of in diagnosis of myocardial infarction verified at autopsy (Uusitupa et al.), 753 (Brief comm.)
Accessory atrioventricular pathway, anomalous, longitudinal dissociation in an (Belhassen et al.), 1441 (Brief comm.)
Acknowledgment to reviewers, 1285
Acute myocardial infarction with essential thrombocythemia in a young man (Pick et al.), 406 (Brief comm.)
Airway pressure and lung volume, effects of on left ventricular transmural pressure-volume relationships in humans (Ditchey, Costello, and Shabetai), 46
Alpha-adrenergic antagonist, nicergoline, beneficial effects of the during acute myocardial ischemia and reperfusion in the dog (Bolli et al.), 1014
  -1-adrenergic blockade, a perspective for: mismatch of essential hypertension's pathophysiology and current antihypertensive drugs: opening remarks, session III of Trimazosin supplement (Birkenhäger and Leeuw), 1235
Ambulatory blood pressure in healthy normotensive males (Kennedy et al.), 717
  ECG-respiration monitoring system (Otsuka et al.), 1173 (Letter)
  ventricular tachycardia: characteristics of the initiating beat (Swerdlow et al.), 1326
Amiodarone and thyroid function: clinical implications during antiarrhythmic therapy (Singh and Nademanee), 857
  clinical efficacy of in treatment of recurrent ventricular tachycardia and ventricular fibrillation (Heger, Prystowsky, and Zipes), 887
  dosage, drug concentrations, and adverse side effects, relationships between (Heger, Prystowsky, and Zipes), 931
  dosing: a proposal based on its pharmacokinetics (Siddoway et al.), 951
  drug interactions with (Marcus), 924
  electrophysiologic effects of (Santinelli, Chiariello, and Condorelli), 1170 (Letter)
    Reply (Saksena, Rothbart, and Cappello), 1170
  for refractory supraventricular tachyarrhythmias, efficacy of (Graboys, Podrid, and Lown), 870
  : historical development and pharmacologic profile (Singh), 788
  in paroxysmal supraventricular tachycardia with or without Wolff-Parkinson-White syndrome, effect of (Wellens, Brugada, and Abdollah), 876
  intravenous, in patients with depressed left ventricular function and recurrent ventricular tachycardia, hemodynamic effects of (Schwartz et al.), 848
  long-term, in treatment of cardiac arrhythmias, efficacy and safety of: dosage experience (Haffajee et al.), 935
  pharmacokinetics (Holt et al.), 840
  pulmonary toxicity (Rakita et al.), 906
  Supplement, introduction to (Singh and Zipes), 787
  ten years of experience with (Rosenbaum et al.), 957
  therapy in the treatment of drug-resistant cardiac arrhythmias, evaluation of: long-term follow-up (Peter et al.), 943
Amiodarone therapy—*continued*
  long-term, ocular effects in (Ingram), 902
  use, side effects and possible contraindications of (Harris et al.), 916
Amiodarone's role in control of sudden recurrent arrhythmic deaths (Nademanee et al.), 895
Amrinone, noninvasive assessment of long-term therapy with in severe heart failure: improvement in exercise capacity despite cardiac deterioration (Siegel et al.), 1042
Aneurysmorrhaphy, pulmonary artery surgical: where do we go from here? (Finch et al.), 614
Angina (pectoris), chronic stable, double-blind randomized crossover trial of verapamil and propranolol in (Bowles et al.), 1297
  coronary artery–left ventricular fistula with (Brooks and Bates), 404 (Brief comm.)
  spastic, in middle-aged women: a psychosomatic disorder? (Bashour, Hakim, and Cheng), 609
  patients with, dissociation between regional myocardial dysfunction and ECG changes during myocardial ischemia induced by exercise in (Sugishita et al.), 1
  refractory, efficacy of nifedipine therapy in patients with: significance of the presence of coronary vasospasm (Stone et al.), 644
  rest, clinical outcome after treatment of with calcium blockers: comparative experience during the initial year of therapy with diltiazem, nifedipine, and verapamil (Pepine et al.), 1341
  long-term oral verapamil therapy in patients with (Mehta, Conti, and Pepine), 1133
  stable and unstable, percutaneous transluminal coronary angioplasty in patients with: analysis of early and late results (Meyer et al.), 973
  unstable and stable, serial thallium-201 imaging at rest in patients with: relationship of myocardial perfusion at rest to presenting clinical syndrome (Brown et al.), 70
  unstable, at rest, verapamil for: a short-term randomized, double-blind study (Mauritson et al.), 652
  variant, coronary arteriography and left ventriculography during spontaneous and exercise-induced ST segment elevation in patients with (Matsuda et al.), 509
  mechanism of dysrhythmias in: occlusive versus reperfusion (Kerin et al.), 1332
  salicylate-induced (Al-Abbasi), 1450 (Letter)
    Reply (Miwa, Kambara, and Kawai), 1450
  vasospastic, angiographic manifestation of: catheter-induced coronary artery spasm? (Mautner, Cooper, and Phillips), 659
Angiocardiographic criteria, diagnostic, in dysplastic stenotic pulmonic valve (Schneeweiss et al.), 761 (Brief comm.)
Angiographic and echographic dimensions in chronic left ventricular dilatation, relationship of (Boudoulas et al.), 356
  manifestation of vasospastic angina: catheter-induced coronary artery spasm? (Mautner, Cooper, and Phillips), 659
  study of the infarct-related coronary artery in the chronic stage of acute myocardial infarction (Pichard et al.), 687
Angiographically proved normal subjects and patients with three-vessel coronary disease, radionuclide left ventricular volume curves in (Austin and Jones), 1357
Angiography, radionuclide, comparison of two-dimensional echocardiography with during dynamic exercise for the detection of coronary artery disease (Visser et al.), 528
  effect of ventricular pacing on left ventricular function assessed by (Boucher et al.), 1105
Angioplasty, coronary, percutaneous transluminal, follow-up of patients from the Coronary Artery Surgery Study (CASS) potentially suitable for (Holmes et al.), 981
  in patients with stable and unstable angina pectoris: analysis of early and late results (Meyer et al.), 973

*July, Part 1, pp. 1-182; July, Part 2, pp. 183-262; August, pp. 263-434; September, pp. 435-618; October, Part 1, pp. 619-786; October, Part 2, pp. 787-964; November, Part 1, pp. 965-1188; November, Part 2, pp. 1189-1284; December, pp. 1285-1486.

Angioplasty, coronary, percutaneous transluminal—*continued*
with and without thrombolytic therapy for treatment of acute myocardial infarction (Hartzler et al.), 965
neonatal transluminal balloon coarctation (Lababidi), 752
Anomalous accessory atrioventricular pathway, longitudinal dissociation in an (Belhassen et al.), 1441 (Brief comm.)
Anterior leaflet, flail, in tricuspid endocarditis, echocardiographic diagnosis of (Bates and Sorkin), 161 (Brief comm.)
motion, parodoxical diastolic, of flail posterior mitral leaflet (Motro, Schneeweiss, and Neufeld), 599 (Brief comm.)
Antiarrhythmic agent, clofilium phosphate, a new, prolongation of cardiac refractory times in man by (Greene et al.), 492
drugs, electropharmacology of (Rosen and Wit), 829
therapy, clinical implications during: amiodarone and thyroid function (Singh and Nademanee), 857
Antibodies, antimyocardial, clinical data and diagnostic relevance of. Part 1 of Immune reactions in infective endocarditis (Maisch, Eichstädt, and Kochsiek), 329
Antidromic reciprocating tachycardia via a slow Kent bundle in Ebstein's anomaly (Inoue et al.), 147 (Brief comm.)
Antidysrhythmic agents, bretylium—a prototype for future development of (Patterson and Lucchesi), 426
Antihypertensive agent, profile of trimazosin, an effective and safe (Taylor et al.), 1269
diuretic, preclinical studies of indapamide, a new 2-methylindoline (Pruss and Wolf), 208
drugs, current, mismatch of essential hypertension's pathophysiology and: a perspective for alpha-1-adrenergic blockade: opening remarks, session III of Trimazosin supplement (Birkenhäger and Leeuw), 1235
mechanism of action, indapamide's extrarenal contributions to (Noveck et al.), 221
therapy, diuretic-based, metabolic disturbances increasing the risk of coronary heart disease during: lipid alterations and glucose intolerance (Trimazosin supplement) (Ames), 1207
treatment, some wrong-way chemical changes during: comparison of indapamide and related agents (Perry), 251
Antimyocardial antibodies, clinical data and diagnostic relevance of. Part 1 of Immune reactions in infective endocarditis (Maisch, Eichstädt, and Kochsiek), 329
Antiplatelet drugs, efficacy of in the maintenance of aortocoronary vein bypass graft patency (Gitler and Gitler), 563
Antitachycardia pacemakers, programmable automatic atrial, tachyarrhythmias associated with (Lerman et al.), 1029
Aortic aspergilloma resulting in supravalvular aortic stenosis after aortocoronary bypass surgery (Robbins, Mohanty, and Mohanty), 163 (Brief comm.)
atresia, pathologic measurements in (van der Horst et al.), 1411
balloon valvuloplasty (Lababidi), 751 (Brief comm.)
endocarditis, *Brucella*, corrected by prosthetic valve replacement (Heibig et al.), 594 (Brief comm.)
regurgitation, response to isometric exercise in children and young adults with (Gumbiner and Gutgesell), 540
stenosis, supravalvular, after aortocoronary bypass surgery, aortic aspergilloma resulting in (Robbins, Mohanty, and Mohanty), 163 (Brief comm.)
valvular, congenital, discrete subaortic stenosis associated with–a diagnostic challenge (Schneeweiss et al.), 55
valve, porcine, multifactorial stenosis of a (Bortolotti et al.), 166 (Brief comm.)
valvotomy, repeat, in children (Fulton et al.), 60
Aortocoronary bypass surgery, aortic aspergilloma resulting in supravalvular aortic stenosis after (Robbins, Mohanty, and Mohanty), 163 (Brief comm.)
the definition of myocardial infarction during (Olthof et al.), 631
saphenous vein graft, occluded, late thrombolysis of an (Frumin et al.), 401 (Brief comm.)
vein bypass graft patency, efficacy of antiplatelet drugs in the maintenance of (Gitler and Gitler), 563
Apical hypertrophic nonobstructive cardiomyopathy (Glaser), 775 (Letter)
Reply (Steingo and Barlow), 775
Arginine vasopressin, renin activity, and plasma norepinephrine to short-term nitroprusside and nitroprusside withdrawal in patients with congestive heart failure, acute response of (Francis et al.), 1315
Arrhythmia(s) and left ventricular function after defibrillation during acute myocardial infarction in the intact dog (Geuze and de Vente), 292
cardiac, drug-resistant, evaluation of amiodarone therapy in treatment of: long-term follow-up (Peter et al.), 943
efficacy and safety of long-term amiodarone in treatment of: dosage experience (Haffajee et al.), 935
hemodynamic consequences of: evaluation of relative roles of abnormal atrioventricular sequencing, irregularity of ventricular rhythm and atrial fibrillation in a canine model (Naito et al.), 284
pathophysiologic mechanisms of (Wit and Rosen), 798
high-grade, in well-trained runners (Zeppilli), 775 (Letter)
Reply (Pantano and Oriel), 777
pathophysiology of: clinical electrophysiology (Zipes, Heger, and Prystowsky), 812
ventricular, and sleep (Rosenberg, Uretz, and Denes), 703
serious, sensitivity of various extrastimulus techniques in patients with (Platia et al.), 698
: use of electrophysiologic studies (Horowitz et al.), 881
Arrhythmic deaths, sudden recurrent, control of: role of amiodarone (Nademanee et al.), 895
Arterial pressure, heart rate, and autonomic activity, interactions among, upon the multiple repetitive extrasystole threshold in the dog (Furey and Levy), 1112
Arteriography, coronary, and left ventriculography during spontaneous and exercise-induced ST segment elevation in patients with variant angina (Matsuda et al.), 509
Artery(ies) bypass surgery, coronary, computer-derived treadmill exercise score quantifies the degree of revascularization and improved exercise performance after (Hollenberg et al.), 1096
coronary–left ventricular fistula with angina pectoris (Brooks and Bates), 404 (Brief comm.)
normal, streptokinase thrombolysis for acute myocardial infarction in young adults with (Anderson et al.), 1437 (Brief comm.)
proximal, absence of associated with pulmonary atresia (Ueda et al.), 596 (Brief comm.)
disease, coronary, comparison of two-dimensional echocardiography with radionuclide angiography during dynamic exercise for the detection of (Visser et al.), 528
left bundle branch block, a predictor of poor left ventricular function in (Hamby et al.), 471
multivessel, assessment of myocardial perfusion pattern in patients with (Iskandrian et al.), 1089
triple-vessel, value and limitations of myocardial thallium washout rate in the noninvasive diagnosis of patients with (Gewirtz et al.), 681
left coronary, anomalous origin of from the pulmonary artery (Bland-White-Garland syndrome) in adult patients: long-term follow-up after surgery (Moodie et al.), 381
pulmonary, anomalous origin of the left coronary artery from the (Bland-White-Garland syndrome) in adult patients: long-term follow-up after surgery (Moodie et al.), 381
spasm, coronary, catheter-induced: an angiographic manifestation of vasospastic angina? (Mautner, Cooper, and Phillips), 659
electrocardiographic changes with (Feldman et al.), 1288
stenoses(sis), coronary and renal, in humans, phasic pressure gradients across (Ganz et al.), 1399
fixed, severe, influence of coronary vasodilation on the transmural distribution of myocardial blood flow distal to a (Gewirtz et al.), 674
relationship of time to completed redistribution of thallium-201 in exercise myocardial scintigraphy to the degree of (Gutman et al.), 989
surgical aneurysmorrhaphy, pulmonary: where do we go from here? (Finch et al.), 614
Aspergilloma, aortic, resulting in supravalvular aortic stenosis after aortocoronary bypass surgery (Robbins, Mohanty, and Mohanty), 163 (Brief comm.)

Atherosclerosis, coronary, progressive, segmental analysis of rate of progression in patients with (Kramer et al.), 1427
Atherosclerotic rabbits, lack of decreased contractility in hearts from (Blumlein et al.), 1383
Atresia, aortic, pathologic measurements in (van der Horst et al.), 1411
pulmonary, absence of proximal coronary arteries associated with (Ueda et al.), 596 (Brief comm.)
tricuspid (type 1a): survival to 21 years of age (Breisch et al.), 149 (Brief comm.)
Atrial antitachycardia pacemakers, programmable automatic, tachyarrhythmias associated with (Lerman et al.), 1029
coronary hyperemia and ischemia in response to variations in atrial pressure in dogs (Neill et al.), 554
fibrillation, abnormal atrioventricular sequencing, and irregularity of ventricular rhythm in a canine model, evaluation of relative roles of: hemodynamic consequences of cardiac arrhythmias (Naito et al.), 284
and coronary heart disease: the Framingham Study (Kannel et al.), 389
conversion of to sinus rhythm by acute intravenous procainamide infusion (Fenster et al.), 501
verapamil in: the expected, the unexpected, and the unknown (Schwartz), 173
pacing in patients with coronary artery disease, alterations in left ventricular volumes and ejection fraction during: assessment with radionuclide ventriculography (Dehmer et al.), 114
premature stimulus technique, indirectly estimated sinoatrial conduction time by the: patterns of error and the degree of associated inaccuracy as assessed by direct sinus node electrography (Reiffel et al.), 459
pressure in dogs, atrial coronary hyperemia and ischemia in response to variations in (Neill et al.), 554
right–left ventricular communication, echocardiographic diagnosis of (Grenadier et al.), 407 (Brief comm.)
septal defect with Poland's syndrome, association of (Samant et al.), 159 (Brief comm.)
septostomy, laser (Bommer et al.), 1152 (Brief comm.)
surgery in children, dysrhythmias after (Bink-Boelkens et al.), 125
tachycardia, chaotic, in the mitral valve prolapse syndrome (Abinader and Cooper), 1161 (Brief comm.)
paroxysmal, slow, clinical significance of (Shani et al.), 478
Atrioventricular (AV) and nodoventricular bypass tracts in SVT (Belhassen, Motté, and Brechenmacher), 604 (Letter)
Reply (Josephson), 604
and sinoatrial nodes of the rabbit heart, comparison of the direct effects of nifedipine and verapamil on the electrical activity of the (Wu and Wit), 345
block, complete, double ventricular parasystole associated with (Takeda et al.), 1167 (Brief comm.)
vagally mediated, multiple electrophysiologic manifestations and clinical implications of (Zaman et al.), 92
junctional ablation, transvenous (Scheinman), 607 (Letter)
nodal block, second-degree, atrioventricular nodal reentrant tachycardia with (Senges et al.), 766 (Brief comm.)
reentrant tachycardia with second-degree AV nodal block (Senges et al.), 766 (Brief comm.)
pathway, anomalous accessory, longitudinal dissociation in an (Belhassen et al.), 1441 (Brief comm.)
sequencing, abnormal, irregularity of ventricular rhythm, and atrial fibrillation in a canine model, evaluation of relative roles of: hemodynamic consequences of cardiac arrhythmias (Naito et al.), 284
valvular regurgitation, bilateral, supravalvular stenosing ring of the left atrium associated with (Isner et al.), 1150 (Brief comm.)
Atrium, left, supravalvular stenosing ring of the, associated with bilateral atrioventricular valvular regurgitation (Isner et al.), 1150 (Brief comm.)
right, double-outlet: a rare endocardial cushion defect (Corwin, Singh, and Karlson), 1156 (Brief comm.)
Atypical torsade de pointes (Eldar et al.), 420 (Brief comm.)
Automatic atrial antitachycardia pacemakers, programmable, tachyarrhythmias associated with (Lerman et al.), 1029
Automatic—*continued*
defibrillator electrode catheters, chronically implanted, cardiac damage in dogs with, and given four episodes of multiple shocks (VanVleet et al.), 300
ectopic tachycardia, junctional: new proposed treatment by transcatheter His bundle ablation (Gillette et al.), 619
Autonomic activity, heart rate, and arterial pressure, interactions among, upon the multiple repetitive extrasystole threshold in the dog (Furey and Levy), 1112
systemic, and renal hemodynamic actions of trimazosin in hypertensive patients (Chrysant), 1243

B

Bacterial endocarditis, echocardiographic diagnosis of mitral obstruction in (Grenadier et al.), 591 (Brief comm.)
Balloon coarctation angioplasty, neonatal transluminal (Lababidi), 752 (Brief comm.)
valvuloplasty, aortic (Lababidi), 751 (Brief comm.)
Beat, initiating, characteristics of the in ambulatory ventricular tachycardia (Swerdlow et al.), 1326
Bendroflumethiazide and propranolol in captopril-treated resistant hypertensive patients, double-blind comparison between (Staessen et al.), 321
Beta-adrenergic blocking drugs, effects of on sensitivity and specificity of radionuclide ventriculography during exercise in patients with coronary heart disease (Lindsay et al.), 271
Bifascicular block, syncope in patients with, electrophysiologic evaluation of (Ezri et al.), 693
Bigeminy, ventricular extrasystolic, alternate long and short coupling intervals in (Kinoshita, Fukiwara, and Okimori), 1444 (Brief comm.)
Bilateral atrioventricular valvular regurgitation, supravalvular stenosing ring of the left atrium associated with (Isner et al.), 1150 (Brief comm.)
Bipolar or unipolar option, a multiprogrammable pacemaker with (Smyth and Sager), 412 (Brief comm.)
polyurethane pacing lead, Medtronic, radiographic pseudofracture of the (Dunlap, Popat, and Sorkin), 167 (Brief comm.)
Björk-Shiley and Starr-Edwards prostheses, combined echophonocardiographic diagnosis of mitral perivalvular leak with (Lehrer et al.), 761 (Brief comm.)
Blalock-Taussig shunts, noninvasive evaluation of: determination of patency and differentiation from patent ductus arteriosus by Doppler echocardiography (Stevenson, Kawabori, and Bailey), 1121
Bland-White-Garland syndrome (anomalous origin of the left coronary artery from the pulmonary artery) in adult patients: long-term follow-up after surgery (Moodie et al.), 381
Block, atrioventricular, complete, double ventricular parasystole associated with (Takeda et al.), 1167 (Brief comm.)
nodal, second-degree, atrioventricular nodal reentrant tachycardia with (Senges et al.), 766 (Brief comm.)
vagally mediated, multiple electrophysiologic manifestations and clinical implications of (Zaman et al.), 92
bifascicular, syncope in patients with, electrophysiologic evaluation of (Ezri et al.), 693
exit, steroid-eluting endocardial pacing lead for treatment of (King et al.), 1438 (Brief comm.)
left bundle branch: a predictor of poor left ventricular function in coronary artery disease (Hamby et al.), 471
Blockade, alpha-1-adrenergic, a perspective for: mismatch of essential hypertension's pathophysiology and current antihypertensive drugs:opening remarks, session III of Trimazosin supplement (Birkenhäger and Leeuw), 1235
Blocking drugs, beta-adrenergic, effects of on sensitivity and specificity of radionuclide ventriculography during exercise in patients with coronary heart disease (Lindsay et al.), 27
Blood flow, myocardial, distal to a severe fixed coronary artery stenosis, influence of coronary vasodilation on the transmural distribution of (Gewirtz et al.), 674

Blood flow, myocardial—*continued*
regional, effect of cold pressor test on in patients with coronary artery disease (Malacoff et al.), 78
pressure, ambulatory, in healthy normotensive males (Kennedy et al.), 717
and breathing, studies of changes in accompanying a cardiogenic hypertensive chemoreflex compared in conscious and anesthetized dogs (Hageman, James, and Urthaler), 547
and effects of trimazosin and prazosin on pressor responses to phenylephrine in rats (Constantine, Lebel, and Weeks), 1216
how diuretics lower (Freis), 185
response to exercise, exaggerated, follow-up of normotensive men with (Dlin et al.), 316
Bolus loading of intravenous disopyramide, multiple, safety of (Simpson et al.), 505
Bookshelf, 182, 434, 786, 1188, 1458
Brain syndrome, organic, digoxin-induced (Eisendrath, Gershengorn, and Unger), 419 (Brief comm.)
Branch block, left bundle:a predictor of poor left ventricular function in coronary artery disease (Hamby et al.), 471
Breathing and blood pressure, studies of changes in accompanying a cardiogenic hypertensive chemoreflex compared in conscious and anesthetized dogs (Hageman, James, and Urthaler), 547
Bretylium:a prototype for future development of antidysrhythmic agents (Patterson and Lucchesi), 426
Bridges, myocardial, clinical significance of (Ishimori), 169 (Letter)
Reply (Kramer), 169
in obstructive hypertrophic cardiomyopathy (Kitazume et al.), 131
Bromocriptine, effects of in patients with congestive heart failure (Francis, Parks, and Cohn), 100
Brucella aortic endocarditis corrected by prosthetic valve replacement (Heibig et al.), 594 (Brief comm.)
BW755C, effect of in an occlusion-reperfusion model of ischemic myocardial injury (Jolly and Lucchesi), 8
Bypass graft patency, aortocoronary vein, efficacy of antiplatelet drugs in the maintenance of (Gitler and Gitler), 563
surgery, aortocoronary, aortic aspergilloma resulting in supravalvular aortic stenosis after (Robbins, Mohanty, and Mohanty), 163
the definition of myocardial infarction during (Olthof et al.), 631
coronary artery, computer-derived treadmill exercise score quantifies the degree of revascularization and improved exercise performance after (Hollenberg et al.), 1096
tracts in SVT, nodoventricular and atrioventricular (Belhassen, Motté, and Brechenmacher), 604 (Letter)
Reply (Josephson), 604

C

Calcium blockers, clinical outcome after treatment of rest angina with: comparative experience during the initial year of therapy with diltiazem, nifedipine, and verapamil (Pepine et al.), 1341
Calibrations, quality control, for ECG and VCG recording (Fesler, Robert, and Brohet), 424 (Letter)
Cancer patients with abnormal baseline resting left ventricular performance, serial radionuclide assessment of doxorubicin cardiotoxicity in (Choi et al.), 638
Captopril, acute electrocardiographic effects of in the initial treatment of malignant or severe hypertension (Abe et al.), 558
-treated resistant hypertensive patients, double-blind comparison between propranolol and bendroflumethiazide in (Staessen et al.), 321
Carbohydrate, lipid, and potassium metabolism, thiazide-induced disturbances in (Perez-Stable and Caralis), 245
Cardiac arrhythmias, drug-resistant, evaluation of amiodarone therapy in treatment of: long-term follow-up (Peter et al.), 943
Cardiac arrhythmias—*continued*
efficacy and safety of long-term amiodarone in treatment of: dosage experience (Haffajee et al.), 935
hemodynamic consequences of:evaluation of relative roles of abnormal atrioventricular sequencing, irregularity of ventricular rhythm and atrial fibrillation in a canine model (Naito et al.), 284
pathophysiologic mechanisms of (Wit and Rosen), 798
chambers, role of the pericardium in interactions between the (Hess et al.), 1377
damage in dogs with chronically implanted automatic defibrillator electrode catheters and given four episodes of multiple shocks (VanVleet et al.), 300
deterioration, improvement in exercise capacity despite: noninvasive assessment of long-term therapy with amrinone in severe heart failure (Siegel et al.), 1042
failure, reversible, and transient Q waves during myocardial ischemia: electrical and mechanical stunning of the heart (Bashour et al.), 780
refractory times, prolongation of in man by clofilium phosphate, a new antiarrhythmic agent (Greene et al.), 492
surgery, prophylactic digoxin and SVT in (Alvarez), 606 (Letter)
Reply (Desser et al.), 606
role of in acute myocardial infarction. I. With mechanical complications (Gray, Sethna, and Matloff), 723
II. Without mechanical complications (Gray, Sethna, and Matloff), 728
tamponande secondary to sarcoidosis (Verkleeren et al.), 601 (Brief comm.)
with refeeding in malnutrition (Sullam and Falk), 422 (Brief comm.)
tumor, primary intramural: long-term follow-up (Charuzi et al.), 414 (Brief comm.)
valvular residua and sequelae after operation for congenital heart disease (Roberts), 1181
Cardiogenic hypertensive chemoreflex compared in conscious and anesthetized dogs, studies of changes in breathing and blood pressure accompanying a (Hageman, James, and Urthaler), 547
Cardiomyopathy, apical hypertrophic nonobstructive (Glaser), 775 (Letter)
Reply (Steingo and Barlow), 775
congestive, hemodynamic and metabolic advantages gained by a 3-day infusion of dobutamine in patients with (Unverferth et al.), 29
two-dimensional echocardiographic differentiation of anomalous left coronary artery from (Caldwell et al.), 710
dilated, evaluation of by pulsed Doppler echocardiography (Gardin et al.), 1057
hypertrophic, obstructive, myocardial bridges in (Kitazume et al.), 131
Cardiotoxicity, doxorubicin, in cancer patients with abnormal baseline resting left ventricular performance, serial radionuclide assessment of (Choi et al.), 638
sensitivity and specificity of radionuclide ejection fractions in (McKillop et al.), 1048
Cardiovascular abnormalities in osteogenesis imperfecta (White, Winearls, and Smith), 1416
disease and multifactorial risk: challenge of the 1980s (Trimazosin supplement) (Castelli), 1191
Carpentier mitral valvuloplasty, echocardiographic evaluation of (Kronzon et al.), 362
CASS (Coronary Artery Surgery Study), follow-up of patients from potentially suitable for percutaneous transluminal coronary angioplasty (Holmes et al.), 981
Catheter(s), automatic difibrillator electrode, chronically implanted, cardiac damage in dogs with and given four episodes of multiple shocks (VanVleet et al.), 300
-induced coronary artery spasm: an angiographic manifestation of vasospastic angina? (Mautner, Cooper, and Phillips), 659
Catheterization, surgery without: noninvasive assessment of valvular heart disease (Borow et al.), 443
C-11 palmitate for the noninvasive evaluation of regional myocardial fatty acid metabolism with positron-computed tomography. IV. In vivo evaluation of acute demand-induced ischemia in dogs (Schelbert et al.), 736

Cellular cytotoxicity against cardiac target cells, antibody-dependent, circulating immune complexes, serum inhibition factors, lymphocytotoxic reactions, and, relevance of. Part II of Immune reactions in infective endocarditis (Maisch et al.), 338
Central venous line location in tricuspid endocarditis (Echeverria et al.), 1171 (Letter)
Chagasic individuals, electrophysiologic findings in long-term asymptomatic (Pimenta, Miranda, and Pereira), 374
Chambers, cardiac, role of the pericardium in interactions between the (Hess et al.), 1377
Chaotic atrial tachycardia in the mitral valve prolapse syndrome (Abinader and Cooper), 1161 (Brief comm.)
Chemical changes during antihypertensive treatment, some wrong-way: comparison of indapamide and related agents (Perry), 251
Chemoreflex, cardiogenic hypertensive, compared in conscious and anesthetized dogs, studies of changes in breathing and blood pressure accompanying a (Hageman, James, and Urthaler), 547
Chest pain induced by leg elevation in pericarditis (Aderka and Pinkhas), 424 (Letter)
Children and young adults with aortic regurgitation, response to isometric exercise in (Gumbiner and Gutgesell), 540
dysrhythmias after atrial surgery in (Bink-Boelkens et al.), 125
repeat aortic valvotomy in (Fulton et al.), 60
vasovagal syncope in requiring pacemaker implantation (Sapire et al.), 1406
Chronic heart failure, acute hemodynamic effects of combined therapy with digoxin and nifedipine in patients with (Cantelli et al.), 308
hydralazine in (Hamilton), 170 (Letter)
Reply (Franciosa), 171
Cigarette smoking, myocardial infarction, oral contraception, and coronary artery spasm in young women (Jugdutt et al.), 757 (Brief comm.)
Circulation time, pulmonary: comparison of mean, median, peak, and onset (appearance) values using indocyanine green and first-transit radionuclide techniques (Slutsky, Bhargava, and Higgins), 41
CK-MB elevations, small, acute myocardial infarction and (Shah), 1449 (Letter)
Reply (McQueen, Holder, and El-Maraghi), 1449
Class I drug(s), inducible sustained ventricular tachycardia refractory to individual: effect of adding a second class I drug (Duffy et al.), 450
second, effect of adding a: inducible sustained ventricular tachycardia refractory to individual class I drugs (Duffy et al.), 450
Clinical characteristics and results of electrophysiologic testing in young adults with ventricular tachycardia or ventricular fibrillation (Morady et al.), 1306
diagnosis of constrictive pericarditis, the (Blake), 432
efficacy and safety of indapamide in essential hypertension (Morledge), 229
in the treatment of edema (Slotkoff), 233
and pharmacokinetics of indapamide in renal impairment (Acchiardo and Skoutakis), 237
features of mitral valve prolapse in the general population. 2. The Framingham Study (Savage et al.), 577
hemodynamic profile of trimazosin in hypertension (Pool, Seagren, and Salel), 1237
outcome after treatment of rest angina with calcium blockers: comparative experience during the initial year of therapy with diltiazem, nifedipine, and verapamil (Pepine et al.), 1341
pharmacology and pharmacokinetics of indapamide (Caruso, Szabadi, and Vukovich), 212
significance of myocardial bridges (Ishimori), 169 (Letter)
Reply (Kramer), 169
Clofilium phosphate, a new antiarrhythmic agent, prolongation of cardiac refractory times in man by (Greene et al.), 492
Coarctation angioplasty, neonatal transluminal balloon (Lababidi), 752 (Brief comm.)
neonatal, and associated anomalies, noninvasive diagnosis of using two-dimensional echocardiography (Duncan et al.), 63
Cold pressor test, effect of on regional myocardial blood flow in patients with coronary artery disease (Malacoff et al.), 78
Computer-derived treadmill exercise score quantifies the degree of revascularization and improved exercise performance after coronary artery bypass surgery (Hollenberg et al.), 1096
Computerized tomography in chronic thromboembolic pulmonary hypertension (Kereiakes et al.), 1432
Concentrations, drug, amiodarone dosage, and adverse side effects, relationships between (Heger, Prystowsky, and Zipes), 931
Conduction delay, ischemia-induced, comparative study of effect of slow channel inhibiting agents on as relevant to the genesis of ventricular fibrillation (Peter et al.), 1023
time, infranodal, acute changes in following left ventriculography and sublingual nitroglycerin administration in man (Peters et al.), 464
sinoatrial, indirectly estimated by the atrial premature stimulus technique:patterns of error and the degree of associated inaccuracy as assessed by direct sinus node electrography (Reiffel et al.), 459
Congenital heart disease, cardiac valvular residua and sequelae after operation for (Roberts), 1181
laser irradiation of:potential for palliation and correction of intracardiac and intravascular defects (Riemenschneider et al.), 1389
Congestive cardiomyopathy, hemodynamic and metabolic advantages gained by a 3-day infusion of dobutamine in patients with (Unverferth et al.), 29
two-dimensional echocardiographic differentiation of anomalous left coronary artery from (Caldwell et al.), 710
heart failure, acute response of plasma norepinephrine, renin activity,and arginine vasopressin to short-term nitroprusside and nitroprusside withdrawal in patients with (Francis et al.), 1315
chronic severe, acute and long-term hemodynamic effects of oral pirbuterol in patients with: randomized double-blind trial (Pamelia et al.), 1369
trimazosin in:improved left ventricular function at rest and during exercise (Ports et al.), 1036
effects of bromocriptine in patients with (Francis, Parks, and Cohn), 100
Constrictive pericarditis, the clinical diagnosis of (Blake), 432
Contractile state, ventricular, indices of: comparative sensitivity and specificity (Lambert, Nichols, and Pepine), 136
Contractility, decreased, lack of in hearts from atherosclerotic rabbits (Blumlein et al.), 1383
Contraindications, possible, and side effects of amiodarone use (Harris et al.), 916
Contrast echocardiographic right-to-left flow in left ventricular-to-right atrial shunt (Grenadier, Keidar, and Palant), 1157 (Brief comm.)
echo diagnosis of patent ductus in newborn with TGV (Glaser), 604 (Letter)
echocardiography in pulmonary hypertension:observations explaining the early closure of the pulmonic valve (Meltzer et al.), 1394
echography, tricuspid regurgitation assessed by (Mortera and Martin-Duran), 172 (Letter)
Reply (Tei), 172
ventriculography in patients with coronary artery disease, mechanism of increase in left ventricular end-diastolic pressure after (Slutsky et al.), 107
Conversion of atrial fibrillation to sinus rhythm by acute intravenous procainamide infusion (Fenster et al.), 501
Coronary and renal artery stenoses in humans, phasic pressure gradients across (Ganz et al.), 1399
angioplasty, transluminal, percutaneous, follow-up of patients from the Coronary Artery Surgery Study (CASS) potentially suitable for (Holmes et al.), 981
in patients with stable and unstable angina pectoris:analysis of early and late results (Meyer et al.), 973
with and without thrombolytic therapy for treatment of acute myocardial infarction (Hartzler et al.), 965
arteriography and left ventriculography during spontaneous and exercise-induced ST segment elevation in patients with variant angina (Matsuda et al.), 509

Coronary—*continued*
artery(ies) bypass surgery, computer-derived treadmill exercise score quantifies the degree of revascularization and improved exercise performance after (Hollenberg et al.), 1096
disease, alterations in left ventricular volumes and ejection fraction during atrial pacing in patients with: assessment with radionuclide ventriculography (Dehmer et al.), 114
clinical evaluation of seven-pinhole tomography for the detection and localization of:comparison with planar imaging using quantitative analysis of myocardial thallium-201 distribution and washout after exercise (Bateman et al.), 263
comparison of two-dimensional echocardiography with radionuclide angiography during dynamic exercise for the detection of (Visser et al.), 528
effect of cold pressor test on regional myocardial blood flow in patients with (Malacoff et al.), 78
left bundle branch block, a predictor of poor left ventricular function in (Hamby et al.), 471
mechanism of increase in left ventricular end-diastolic pressure after contrast ventriculography in patients with (Slutsky et al.), 107
mitral E point septal separation, a reliable index of left ventricular performance in (Ahmadpour et al.), 21
multivessel, assessment of myocardial perfusion pattern in patients with (Iskandrian et al.), 1089
triple-vessel, value and limitations of myocardial thallium washout rate in the noninvasive diagnosis of patients with (Gewirtz et al.), 681
infarct-related, in the chronic stage of acute myocardial infarction, angiographic study of the (Pichard et al.), 687
left, anomalous, from congestive cardiomyopathy, two-dimensional echocardiographic differentiation of (Caldwell et al.), 710
origin of from the pulmonary artery (Bland-White-Garland syndrome) in adult patients: long-term follow-up after surgery (Moodie et al.), 381
ventricular fistula with angina pectoris (Brooks and Bates), 404 (Brief comm.)
normal, streptokinase thrombolysis for acute myocardial infarction in young adults with (Anderson et al.), 1437 (Brief comm.)
proximal, absence of associated with pulmonary atresia (Ueda et al.), 596 (Brief comm.)
spasm, catheter-induced: an angiographic manifestation of vasospastic angina? (Mautner, Cooper, and Phillips), 659
electrocardiographic changes with (Feldman et al.), 1288
in young women, myocardial infarction, oral contraception, cigarette smoking, and (Jugdutt et al.), 757 (Brief comm.)
stenosis, fixed, severe, influence of coronary vasodilation on the transmural distribution of myocardial blood flow distal to a (Gewirtz et al.), 674
relationship of time to completed redistribution of thallium-201 in exercise myocardial scintigraphy to the degree of (Gutman et al.), 989
Surgery Study (CASS), follow-up of patients from potentially suitable for percutaneous transluminal coronary angioplasty (Holmes et al.), 981
atherosclerosis, progressive, segmental analysis of rate of progression in patients with (Kramer et al.), 1427
disease, three-vessel, radionuclide left ventricular volume curves in angiographically proved normal subjects and patients with (Austin and Jones), 1357
heart disease (CHD) and atrial fibrillation: the Framingham Study (Kannel et al.), 389
and serum uric acid (Beard), 397
effects of beta-adrenergic blocking drugs on sensitivity and specificity of radionuclide ventriculography during exercise in patients with (Lindsay et al.), 271
metabolic disturbances increasing the risk of during diuretic-based antihypertensive therapy: lipid alterations and glucose intolerance (Trimazosin supplement) (Ames), 1207
mortality, toward explaining the decline in (Gillum), 783
Coronary heart disease—*continued*
risk factors, socioeconomic influences, and intervention: the Oslo study (Trimazosin supplement) (Leren et al.), 1200
hyperemia, atrial, and ischemia in response to variations in atrial pressure in dogs (Neill et al.), 554
occlusion in the dog, contrasting effects of nifedipine and verapamil on myocardium and vascular smooth muscle at two levels of (Weintraub et al.), 1347
partial, electrophysiologic and myocardial metabolic changes in the acute phase of (Mori et al.), 624
permanent, decrease in thallium-201 image defect size after (Schwartz et al.), 1082
spasm and myocardial infarction (Cohen), 606 (Letter)
spastic angina in middle-aged women: a psychosomatic disorder? (Bashour, Hakim, and Cheng), 609
vasodilation, influence of on the transmural distribution of myocardial blood flow distal to a severe fixed coronary artery stenosis (Gewirtz et al.), 674
vasospasm, significance of the presence of:efficacy of nifedipine therapy in patients with refractory angina pectoris (Stone et al.), 644
Coumadin withdrawal, hypercoagulability following (Hart and Coull), 169 (Letter)
Coupling interval(s), alternate long and short, in ventricular extrasystolic bigeminy (Kinoshita, Fukiwara, and Okimori), 1444 (Brief comm.)
and types of ventricular ectopic activity associated with ventricular runs (Thanavaro et al.), 484
Creatine kinase kinetics in man, plasma, effects of nonsurgical myocardial reperfusion on (Shell, Mickle, and Swan), 665
Cushion defect, endocardial, a rare: double-outlet right atrium (Corwin, Singh, and Karlson), 1156 (Brief comm.)

D

Deaths, arrhythmic, sudden recurrent, control of: role of amiodarone (Nadamanee et al.), 895
Decline in coronary heart disease mortality, toward explaining the (Gillum), 783
Decreased contractility, lack of in hearts from atherosclerotic rabbits (Blumlein et al.), 1383
Defect size, image, thallium-201, decrease in, after permanent coronary occlusion (Schwartz et al.), 1082
Defibrillation during acute myocardial infarction in the intact dog, arrhythmias and left ventricular function after (Geuze and de Vente), 292
Defibrillator electrode catheters, automatic, chronically implanted, cardiac damage in dogs with and given four episodes of multiple shocks (VanVleet et al.), 300
Demand-induced ischemia in dogs, acute, in vivo evaluation of. Part IV of C-11 palmitate for the noninvasive evaluation of regional myocardial fatty acid metabolism with positron-computed tomography (Schelbert et al.), 736
Depolarizations, ventricular premature, single and repetitive, ethmozine suppression of during therapy: documentation of efficacy and long-term safety (Pratt et al.), 85
Deterioration, cardiac, improvement in exercise capacity despite: noninvasive assessment of long-term therapy with amrinone in severe heart failure (Siegel et al.), 1042
Diastolic anterior motion, paradoxical, of flail posterior mitral leaflet (Motro, Schneeweiss, and Neufeld), 599 (Brief comm.)
left ventricular posterior wall motion, abnormal, in left ventricular hypertrophy (Kramer et al.), 1066
Digitalis intoxication, changes in red blood cell electrolyte concentrations in (Henion et al.), 14
Digoxin and nifedipine in patients with chronic heart failure, acute hemodynamic effects of combined therapy with (Cantelli et al.), 308
-induced organic brain syndrome (Eisendrath, Gershengorn, and Unger), 419 (Brief comm.)
prophylactic, and SVT in cardiac surgery (Alvarez), 606 (Letter)
Reply (Desser et al.), 606

Dilatation, left ventricular, chronic, relationship of angiographic and echographic dimensions in (Boudoulas et al.), 356
Dilated cardiomyopathy, evaluation of by pulsed Doppler echocardiography (Gardin et al.), 1057 (Clinical investigation)
Diltiazem, nifedipine, and verapamil, comparative experience during the initial year of therapy with: clinical outcome after treatment of rest angina with calcium blockers (Pepine et al.), 1341
Discrete subaortic stenosis associated with congenital valvular aortic stenosis–a diagnostic challenge (Schneeweiss et al.), 55
Discussion-Session I of Trimazosin supplement (Leren, Moderator), 1214
Session III, Trimazosin supplement (Birkenhäger, Moderator), 1281
Disopyramide, fasting hypoglycemia associated with (Semel, Wortham, and Karl), 1160 (Brief comm.)
intravenous, safety of multiple bolus loading of (Simpson et al.), 505
Dissociation, longitudinal, in an anomalous accessory atrioventricular pathway (Belhassen et al.), 1441 (Brief comm.)
Diuretic(s), a new 2-methylindoline antihypertensive, preclinical studies of indapamide (Pruss and Wolf), 208
agents, insights into intrarenal sites and mechanisms of action of (Materson), 188
-based antihypertensive therapy, metabolic disturbances increasing the risk of coronary heart disease during: lipid alterations and glucose intolerance (Trimazosin supplement) (Ames), 1207
lower blood pressure, how (Fries), 185
Dobutamine and nitroglycerin infusion in left ventricular dysfunction, effect of combined (Awan et al.), 35
3-day infusion of in patients with congestive cardiomyopathy, hemodynamic and metabolic advantages gained by a (Unverferth et al.), 29
Doppler echocardiography, determination of patency and differentiation from patent ductus arteriosus by: noninvasive evaluation of Blalock-Taussig shunts (Stevenson, Kawabori, and Bailey), 1121
pulsed, evaluation of dilated cardiomyopathy by (Gardin et al.), 1057
Dosage, amiodarone, drug concentrations, and adverse side effects, relationships between (Heger, Prystowsky, and Zipes), 931
Dosing, amiodarone: a proposal based on its pharmacokinetics (Siddoway et al.), 951
Double-blind comparison of trimazosin and propranolol in essential hypertension (Helgeland), 1253
randomized crossover trial of verapamil and propranolol in chronic stable angina (Bowles et al.), 1297
study of trimazosin and methyldopa in hypertensive patients receiving polythiazide (Moyer), 1250
-outlet right atrium: a rare endocardial cushion defect (Corwin, Singh, and Karlson), 1156 (Brief comm.)
ventricular parasystole associated with complete atrioventricular block (Takeda et al.), 1167 (Brief comm.)
Doxorubicin cardiotoxicity in cancer patients with abnormal baseline resting left ventricular performance, serial radionuclide assessment of (Choi et al.), 638
sensitivity and specificity of radionuclide ejection fractions in (McKillop et al.), 1048
Drug(s), antiarrhythmic, electropharmacology of (Rosen and Wit), 829
antiplatelet, efficacy of in the maintenance of aortocoronary vein bypass graft patency (Gitler and Gitler), 563
class I, inducible sustained ventricular tachycardia refractory to individual: effect of adding a second class I drug (Duffy et al.), 450
concentrations, amiodarone dosage, and adverse side effects, relationships between (Heger, Prystowsky, and Zipes), 931
interactions with amiodarone (Marcus), 924
-resistant cardiac arrhythmias, evaluation of amiodarone therapy in treatment of: long-term follow-up (Peter et al.), 943
d-transposition of the great arteries (d-TGA), palliative approach to and irreversible pulmonary vascular disease: Senning repair with ductal decompression (Levinsky et al.), 409 (Brief comm.)
and irreversible pulmonary vascular disease, palliative approach to: Senning repair with ductal decompression (Levinsky et al.), 409 (Brief comm.)
Ductal decompression, Senning repair with: palliative approach to d-TGA and irreversible pulmonary vascular disease (Levinsky et al.), 409 (Brief comm.)
Ductus arteriosus, patent, by Doppler echocardiography, determination of patency and differentiation from: noninvasive evaluation of Blalock-Taussig shunts (Stevenson, Kawabori, and Bailey), 1121
in newborn with TGV, contrast echo diagnosis of (Glaser), 604 (Letter)
Dysfunction, sinus node, persistent, secondary to lithium therapy (Palileo et al.), 1443 (Brief comm.)
Dysplastic stenotic pulmonic valve, diagnostic angiocardiographic criteria in (Schneeweiss et al.), 761 (Brief comm.)
Dysrhythmias after atrial surgery in children (Bink-Boelkens et al.), 125
mechanism of in variant angina pectoris: occlusive versus reperfusion (Kerin et al.), 1332
Part 3 of Mitral valve prolapse in the general population: The Framingham Study (Savage et al.), 582

E

Ebstein's anomaly, antidromic reciprocating tachycardia via a slow Kent bundle in (Inoue et al.), 147 (Brief comm.)
Echo diagnosis, contrast, of patent ductus in newborn with TGV (Glaser), 604 (Letter)
Echocardiographic assessment of left ventricular outflow tract obstruction (Vered et al.), 177
contrast, right-to-left flow in left ventricular-to-right atrial shunt (Grenadier, Keidar, and Palant), 1157 (Brief comm.)
detection, two-dimensional, of left ventricular wall impaction by mitral prosthesis (Rosenzweig and Nanda), 1069
diagnosis of flail anterior leaflet in tricuspid endocarditis (Bates and Sorkin), 161 (Brief comm.)
of left ventricular–right atrial communication (Grenadier et al.), 407 (Brief comm.)
of mitral obstruction in bacterial endocarditis (Grenadier et al.), 591 (Brief comm.)
of right ventricular thromboembolism (Woolridge and Healey), 590 (Brief comm.)
differentiation, two-dimensional, of anomalous left coronary artery from congestive cardiomyopathy (Caldwell et al.), 710
evaluation of Carpentier mitral valvuloplasty (Kronzon et al.), 362
-phonocardiographic diagnosis of mitral perivalvular leak with Björk-Shiley and Starr-Edwards prostheses, combined (Lehrer et al.), 761 (Brief comm.)
Echocardiography, contrast, in pulmonary hypertension: observations explaining the early closure of the pulmonic valve (Meltzer et al.), 1394
Doppler, determination of patency and differentiation from patent ductus arteriosus by: noninvasive evaluation of Blalock-Taussig shunts (Stevenson, Kawabori, and Bailey), 1121
pulsed, evaluation of dilated cardiomyopathy by (Gardin et al.), 1057
two-dimensional, comparison of with radionuclide angiography during dynamic exercise for the detection of coronary artery disease (Visser et al.), 528
noninvasive diagnosis of neonatal coarctation and associated anomalies using (Duncan et al.), 63
Echographic and angiographic dimensions in chronic left ventricular dilatation, relationship of (Boudoulas et al.), 356
Echography, contrast, tricuspid regurgitation assessed by (Mortera and Martin-Duran), 172 (Letter)
Reply (Tei), 172

Echoventriculography, three-dimensional (Nixon et al.), 435
Ectopic activity, ventricular, types of, and coupling interval associated with ventricular runs (Thanavaro et al.), 484
tachycardia, junctional automatic: new proposed treatment by transcatheter His bundle ablation (Gillette et al.), 619
Edema, indapamide in the treatment of, clinical efficacy and safety of (Slotkoff), 233
Effusion, pericardial, clinical spectrum of as the presenting feature of hypothyroidism (Zimmerman, Yahalom, and Bar-On), 770 (Brief comm.)
Ejection fraction(s) and left ventricular volumes, alterations in during atrial pacing in patients with coronary artery disease: assessment with radionuclide ventriculography (Dehmer et al.), 114
radionuclide, sensitivity and specificity of in doxorubicin cardiotoxicity (McKillop et al.), 1048
Electrical activity of the sinoatrial and atrioventricular nodes of the rabbit heart, comparison of the direct effects of nifedipine and verapamil on the (Wu and Wit), 345
Electrocardiographic (ECG) and VCG recording, quality control calibrations for (Fesler, Robert, and Brohet), 424 (Letter)
changes and regional myocardial dysfunction during myocardial ischemia induced by exercise in patients with angina pectoris, dissociation between (Sugishita et al.), 1
and wall motion abnormalities in acute transmural myocardial infarction: implications of reciprocal ST segment depression (Pichler et al.), 1003
with coronary artery spasm (Feldman et al.), 1288
correlate of stunned but viable myocardium: transient pathologic Q waves during acute ischemic events (Bateman et al.), 1421
effects, acute, of captopril in the initial treatment of malignant or severe hypertension (Abe et al.), 558
-respiration monitoring system, ambulatory (Otsuka et al.), 1173 (Letter)
Electrocardiography, sinus node, direct, patterns of error and the degree of associated inaccuracy as assessed by: indirectly estimated sinoatrial conduction time by the atrial premature stimulus technique (Reiffel et al.), 459
Electrolyte concentrations, red blood cell, in digitalis intoxication, changes in (Henion et al.), 14
Electropharmacology of antiarrhythmic drugs (Rosen and Wit), 829
Electrophysiologic and myocardial metabolic changes in acute phase of partial coronary occlusion (Mori et al.), 624
effects of amiodarone (Santinelli, Chiariello, and Condorelli), 1170 (Letter)
Reply (Saksena, Rothbart, and Cappello), 1170
evaluation of syncope in patients with bifascicular block (Fzri et al.), 693
findings in long-term asymptomatic chagasic individuals (Pimenta, Miranda, and Pereira), 374
manifestations, multiple, and clinical implications of vagally mediated AV block (Zaman et al.), 92
mechanisms in postural supraventricular tachycardia (Saksena, Siegel, and Rathyen), 151 (Brief comm.)
studies in ventricular arrhythmias (Horowitz et al.), 881
testing, clinical characteristics and results of in young adults with ventricular tachycardia or ventricular fibrillation (Morady et al.), 1306
Electrophysiology, clinical: pathophysiology of arrhythmias (Zipes, Heger, and Prystowsky), 812
End-diastolic pressure, left ventricular, after contrast ventriculography in patients with coronary artery disease, mechanism of increase in (Slutsky et al.), 107
Endocardial cushion defect, a rare: double-outlet right atrium (Corwin, Singh, and Karlson), 1156 (Brief comm.)
pacing lead, steroid-eluting, for treatment of exit block (King et al.), 1438 (Brief comm.)
Endocarditis, aortic, *Brucella*, corrected by prosthetic valve replacement (Heibig et al.), 594 (Brief comm.)
bacterial, echocardiographic diagnosis of mitral obstruction in (Grenadier et al.), 591 (Brief comm.)
Endocarditis—*continued*
infective, immune reactions in. I. Clinical data and diagnostic relevance of antimyocardial antibodies (Maisch, Eichstädt, and Kochsiek), 329
II. Relevance of circulating immune complexes, serum inhibition factors, lymphocytotoxic reactions, and antibody-dependent cellular cytotoxicity against cardiac target cells (Maisch et al.), 338
skin signs of (Proudfit), 1451
tricuspid, central venous line location in (Echeverria et al.), 1171 (Letter)
echocardiographic diagnosis of flail anterior leaflet in (Bates and Sorkin), 161 (Brief comm.)
Epidemiologic features of mitral valve prolapse in the general population. 1. The Framingham Study (Savage et al.), 571
Essential hypertension, clinical efficacy and safety of indapamide in (Morledge), 229
double-blind comparison of trimazosin and propranolol in (Helgeland), 1253
hypertension's pathophysiology and current antihypertensive drugs, mismatch of: a perspective for alpha-1-adrenergic blockade: opening remarks, session III of Trimazosin supplement (Birkenhäger and Leeuw), 1235
Ethmozine suppression of single and repetitive ventricular premature depolarizations during therapy: documentation of efficacy and long-term safety (Pratt et al.), 85
Exaggerated blood pressure response to exercise, follow-up of normotensive men with (Dlin et al.), 316
Exercise capacity, improvement in despite cardiac deterioration: noninvasive assessment of long-term therapy with amrinone in severe heart failure (Siegel et al.), 1042
comparison of clincial evaluation of seven-pinhole tomography for detection and localization of coronary artery disease with planar imaging using quantitative analysis of myocardial thallium-201 distribution and washout after (Bateman et al.), 263
dynamic, comparison of two-dimensional echocardiography with radionuclide angiography during for the detection of coronary artery disease (Visser et al.), 528
early, effect of on myocardial infarct scar formation (Kloner and Kloner), 1009
follow-up of normotensive men with exaggerated blood pressure response to (Dlin et al.), 316
improved left ventricular function at rest and during: trimazosin in chronic congestive heart failure (Ports et al.), 1036
in patients with angina pectoris, dissociation between regional myocardial dysfunction and ECG changes during myocardial ischemia induced by (Sugishita et al.), 1
with coronary heart disease, effects of beta-adrenergic blocking drugs on sensitivity and specificity of radionuclide ventriculography during (Lindsay et al.), 271
-induced and spontaneous ST segment elevation in patients with variant angina, coronary arteriography and left ventriculography during (Matsuda et al.), 509
isometric, response to in children and young adults with aortic regurgitation (Gumbiner and Gutgesell), 540
maximal and submaximal, thallium-201 myocardial imaging during: comparison of submaximal exercise with propranolol (Steele et al.), 1353
myocardial scintigraphy, thallium-201 in, time to completed redistribution of: relationship to the degree of coronary artery stenosis (Gutman et al.), 989
performance, improved, and revascularization after coronary artery bypass surgery, computer-derived treadmill exercise score quantifies the degree of (Hollenberg et al.), 1096
score, treadmill, computer-derived, quantifies the degree of revascularization and improved exercise performance after coronary artery bypass surgery (Hollenberg et al.), 1096
submaximal, with propranolol, comparison of: thallium-201 myocardial imaging during maximal and submaximal exercise (Steele et al.), 1353
testing, role of Q waves in (Famularo, Vasilomanolakis, and Ellestad), 1448 (Letter)
Reply (Bateman and Berman), 1448

Exit block, steroid-eluting endocardial pacing lead for treatment of (King et al.), 1438 (Brief comm.)
Extrarenal contributions to indapamide's antihypertensive mechanism of action (Noveck et al.), 221
Extrastimulus techniques in patients with serious ventricular arrhythmias, sensitivity of various (Platia et al.), 698
Extrasystole, repetitive, as an index of vulnerability to ventricular fibrillation during myocardial ischemia in the canine heart (Kowey, Verrier, and Lown), 1321
threshold, multiple repetitive, in the dog, interactions among heart rate, autonomic activity, and arterial pressure upon the (Furey and Levy), 1112
Extrasystolic bigeminy, ventricular, alternate long and short coupling intervals in (Kinoshita, Fukiwara, and Okimori), 1444 (Brief comm.)

F

Failing heart, decreased response of to isoproterenol: study of the normal and failing isolated human heart (Ginsburg et al.), 535
isolated human heart, study of the normal and: decreased response of failing heart to isoproterenol (Ginsburg et al.), 535
Failure, cardiac, reversible, and transient Q waves during myocardial ischemia; electrical and mechanical stunning of the heart (Bashour et al.), 780
Fasting hypoglycemia associated with disopyramide (Semel, Wortham, and Karl), 1160 (Brief comm.)
Fatty acid metabolism, myocardial, regional, with positron-computed tomography, C-11 palmitate for the noninvasive evaluation of. IV. In vivo evaluation of acute demand-induced ischemia in dogs (Schelbert et al.), 736
Fiberoptic system, flexible, effects of laser irradiation delivered by, on the left ventricular internal myocardium (Lee et al.), 587 (Brief comm.)
Fibrillation, atrial, and coronary heart disease: the Framingham Study (Kannel et al.), 389
conversion of to sinus rhythm by acute intravenous procainamide infusion (Fenster et al.), 501
verapamil in: the expected, the unexpected, and the unknown (Schwartz), 173
ventricular, and recurrent ventricular tachycardia, clinical efficacy of amiodarone in treatment of (Heger, Prystowsky, and Zipes), 887
comparative study of effect of slow channel inhibiting agents on ischemia-induced conduction delay as relevant to the genesis of (Peter et al.), 1023
during myocardial ischemia in the canine heart, repetitive extrasystole as an index of vulnerability to (Kowey, Verrier, and Lown), 1321
following verapamil in the Wolff-Parkinson-White syndrome (Gulamhusein, Ko, and Klein), 145 (Brief comm.)
or ventricular tachycardia, clinical characteristics and results of electrophysiologic testing in young adults with (Morady et al.), 1306
First-transit radionuclide techniques and indocyanine green techniques, comparison of mean, median, peak, and onset (appearance) values using: pulmonary circulation time (Slutsky, Bhargava, and Higgins), 41
Fistula, coronary artery–left ventricular, with angina pectoris (Brooks and Bates), 404 (Brief comm.)
Fixed coronary artery stenosis, severe, influence of coronary vasodilation on the transmural distribution of myocardial blood flow distal to a (Gewirtz et al.), 674
Flail anterior leaflet in tricuspid endocarditis, echocardiographic diagnosis of (Bates and Sorkin), 161 (Brief comm.)
posterior mitral leaflet, paradoxical diastolic anterior motion of (Motro, Schneeweiss, and Neufeld), 599 (Brief comm.)
Flexible fiberoptic system, effects of laser irradiation delivered by, on the left ventricular internal myocardium (Lee et al.), 587 (Brief comm.)
Flow, contrast echocardiographic right-to-left, in left ventricular-to-right atrial shunt (Grenadier, Keidar, and Palant), 1157 (Brief comm.)
Framingham Study, the: coronary heart disease and atrial fibrillation (Kannel et al.), 389
Framingham Study, the—*continued*
Mitral valve prolapse in the general population. Part 1. Epidemiologic features (Savage et al.), 571
Part 2. Clinical features (Savage et al.), 577
Part 3. Dysrhythmias (Savage et al.), 582

G

Gallium-67 scanning: a new diagnostic approach to the post-pericardiotomy syndrome (Bufalino et al.), 1138
Glucose, effects of on transmembrane potential of hypoxic canine ventricular muscle fibers (Ballantyne and Davis), 670
intolerance and lipid alterations: metabolic disturbances increasing the risk of coronary heart disease during diuretic-based antihypertensive therapy (Trimazosin supplement) (Ames), 1207
Graft patency, aortocoronary vein bypass, efficacy of antiplatelet drugs in the maintenance of (Gitler and Gitler), 563
vein, occluded aortocoronary saphenous, late thrombolysis of an (Frumin et al.), 401 (Brief comm.)
Great vessels, transposition of, contrast echo diagnosis of patent ductus in newborn with (Glaser), 604 (Letter)

H

Heart(s) disease, congenital, cardiac valvular residua and sequelae after operation for (Roberts), 1181
laser irradiation of: potential for palliation and correction of intracardiac and intravascular defects (Riemenschneider et al.), 1389
coronary, and atrial fibrillation: the Framingham Study (Kannel et al.), 389
and serum uric acid (Beard), 397
metabolic disturbances increasing the risk of during diuretic-based antihypertensive therapy: lipid alterations and glucose intolerance (Trimazosin supplement) (Ames), 1207
mortality, toward explaining the decline in (Gillum), 783
rheumatic, and HLA in Japanese (Naito, Kitajima, and Arakawa), 1164 (Brief comm.)
valvular, noninvasive assessment of: surgery without catheterization (Borow et al.), 443
the need for an integrated noninvasive approach to (Borow), 1177
failing, decreased response of to isoproterenol: study of the normal and failing isolated human heart (Ginsburg et al.), 535
failure, chronic, acute hemodynamic effects of combined therapy with digoxin and nifedipine in patients with (Cantelli et al.), 308
hydralazine in (Hamilton), 170 (Letter)
Reply (Franciosa), 171
congestive, acute response of plasma norepinephrine, renin activity, and arginine vasopressin to short-term nitroprusside and nitroprusside withdrawal in patients with (Francis et al.), 1315
chronic severe, acute and long-term hemodynamic effects of oral pirbuterol in patients with: randomized double-blind trial (Pamelia et al.), 1369
trimazosin in: improved left ventricular function at rest and during exercise (Ports et al.), 1036
effects of bromocriptine in patients with (Francis, Parks, and Cohn), 100
severe, noninvasive assessment of long-term therapy with amrinone in: improvement in exercise capacity despite cardiac deterioration (Siegel et al.), 1042
from atherosclerotic rabbits, lack of decreased contractility in (Blumlein et al.), 1383
human, failing isolated, study of the normal and: decreased response of failing heart to isoproterenol (Ginsburg et al.), 535
rate, autonomic activity, and arterial pressure, interactions among, upon the multiple repetitive extrasystole threshold in the dog (Furey and Levy), 1112
stenosis, quadrivalvular (Picó-Aracil et al.), 1447 (Brief comm.)
stunning of, electrical and mechanical: transient Q waves and reversible cardiac failure during myocardial ischemia (Bashour et al.), 780

Hemangioma, left ventricular, masquerading as *Mycoplasma* pericarditis (Boden et al.), 771 (Brief comm.)
Hemodynamic actions of trimazosin, autonomic, systemic, and renal, in hypertensive patients (Chrysant), 1243
and metabolic advantages gained by a 3-day infusion of dobutamine in patients with congestive cardiomyopathy (Unverferth et al.), 29
consequences of cardiac arrhythmias: evaluation of relative roles of abnormal atrioventricular sequencing, irregularity of ventricular rhythm and atrial fibrillation in a canine model (Naito et al.), 284
effects, acute, of combined therapy with digoxin and nifedipine in patients with chronic heart failure (Cantelli et al.), 308
of intravenous amiodarone in patients with depressed left ventricular function and recurrent ventricular tachycardia (Schwartz et al.), 848
of oral pirbuterol, acute and long-term, in patients with chronic severe congestive heart failure: randomized double-blind trial (Pamelia et al.), 1369
profile of trimazosin in hypertension, clinical (Pool, Seagren, and Salel), 1237
High-grade arrhythmias in well-trained runners (Zeppilli), 775 (Letter)
Reply (Pantano and Oriel), 777
His bundle ablation, transcatheter, new proposed treatment of junctional automatic ectopic tachycardia by (Gillette et al.), 619
Historical development and pharmacologic profile of amiodarone (Singh), 788
HLA and rheumatic heart disease in Japanese (Naito, Kitajima, and Arakawa), 1164 (Brief comm.)
Human heart, study of the normal and failing isolated: decreased response of failing heart to isoproterenol (Ginsburg et al.), 535
thrombus, vaporization of by laser treatment (Lee et al.), 403 (Brief comm.)
Hydralazine in chronic heart failure (Hamilton), 170 (Letter)
Reply (Franciosa), 171
Hypercoagulability following coumadin withdrawal (Hart and Coull), 169 (Letter)
Hyperemia, atrial coronary, and ischemia in response to variations in atrial pressure in dogs (Neill et al.), 554
Hypertension and the risk factor concept: opening remarks (Trimazosin supplement) (Leren), 1190
clinical hemodynamic profile of trimazosin in (Pool, Seagren, and Salel), 1237
essential, clinical efficacy and safety of indapamide in (Morledge), 229
double-blind comparison of trimazosin and propranolol in (Helgeland), 1253
malignant or severe, acute electrocardiographic effects of captopril in the initial treatment of (Abe et al.), 558
pulmonary, chronic thromboembolic, computerized tomography in (Kereiakes et al.), 1432
contrast echocardiography in: observations explaining the early closure of the pulmonic valve (Meltzer et al.), 1394
postoperative, pulmonary vasodilators in (Kashani), 778 (Letter)
Hypertension's pathophysiology and current antihypertensive drugs, essential, mismatch of: a perspective for alpha-1-adrenergic blockade: opening remarks, session III of Trimazosin supplement (Birkenhäger and Leeuw), 1235
Hypertensive chemoreflex, cardiogenic, compared in conscious and anesthetized dogs, studies of changes in breathing and blood pressure accompanying a (Hageman, James, and Urthaler), 547
patients, captopril-treated resistant, double-blind comparison between propranolol and bendroflumethiazide in (Staessen et al.), 321
effect of trimazosin on serum lipid profiles in (Singleton and Taylor), 1265
failing to respond to thiazides, trimazosin for the treatment of (Oberman and Pool), 1258
receiving polythiazide, double-blind study of trimazosin and methyldopa in (Moyer), 1250
trimazosin in, autonomic, systemic, and renal hemodynamic actions of (Chrysant), 1243
Hypertrophic nonobstructive cardiomyopathy, apical (Glaser), 775 (Letter)
Reply (Steingo and Barlow), 775
obstructive, myocardial bridges in (Kitazume et al.), 131
Hypertrophy, left ventricular, abnormal diastolic left ventricular posterior wall motion in (Kramer et al.), 1066
Hypoglycemia, fasting, associated with disopyramide (Semel, Wortham, and Karl), 1160 (Brief comm.)
Hypophosphatemia in myocardial infarction (Fisher), 425 (Letter)
Reply (Blum), 425
Hypotension, postural, combined phenylephrine and tranylcypromine for (Itskovitz and Wartenburg), 598 (Brief comm.)
Hypothyroidism, clinical spectrum of pericardial effusion as the presenting feature of (Zimmerman, Yahalom, and Bar-On), 770 (Brief comm.)
Hypoxic canine ventricular muscle fibers, effects of glucose on transmembrane potential of (Ballantyne and Davis), 670

I

Image defect size, thallium-201, decrease in, after permanent coronary occlusion (Schwartz et al.), 1082
Imaging, myocardial, thallium-201, during maximal and submaximal exercise: comparison of submaximal exercise with propranolol (Steele et al.), 1353
Immune complexes, circulating, serum inhibition factors, lymphocytotoxic reactions, and antibody-dependent cellular cytotoxicity against cardiac target cells, relevance of. Part II of Immune reactions in infective endocarditis (Maisch et al.), 338
reactions in infective endocarditis. I. Clinical data and diagnostic relevance of antimyocardial antibodies (Maisch, Eichstädt, and Kochsiek), 329
II. Relevance of circulating immune complexes, serum inhibition factors, lymphocytotoxic reactions, and antibody-dependent cellular cytotoxicity against cardiac target cells (Maisch et al.), 338
Impairment, renal, clinical efficacy, safety, and pharmacokinetics of indapamide in (Acchiardo and Skoutakis), 237
Implantation, pacemaker, vasovagal syncope in children requiring (Sapire et al.), 1406
Indapamide, a new 2-methylindoline antihypertensive diurectic, preclinical studies of (Pruss and Wolf), 208
and related agents, comparison of: some wrong-way chemical changes during antihypertensive treatment (Perry), 251
in essential hypertension, clinical efficacy and safety of (Morledge), 229
in renal impairment, clinical efficacy, safety, and pharmacokinetics of (Acchiardo and Skoutakis), 237
in the treatment of edema, clinical efficacy and safety of (Slotkoff), 233
long-term experience with (Beling et al.), 258
pharmacokinetics and clinical pharmacology of (Caruso, Szabadi, and Vukovich), 212
Indapamide's antihypertensive mechanism of action, extrarenal contributions to (Noveck et al.), 221
Indocyanine green and first-transit radionuclide techniques, comparison of mean, median, peak, and onset (appearance) values using: pulmonary circulation time (Slutsky, Bhargava, and Higgins), 41
Inducible sustained ventricular tachycardia refractory to individual class I drugs: effect of adding a second class I drug (Duffy et al.), 450
Infarct-related coronary artery in the chronic stage of acute myocardial infarction, angiographic study of the (Pichard et al.), 687
scar formation, myocardial, effect of early exercise on (Kloner and Kloner), 1009
Infarction, myocardial, acute, and small CK-MB elevations (Shah), 1449 (Letter)
Reply (McQueen, Holder, and El-Maraghi), 1449
angiographic study of the infarct-related coronary artery in the chronic stage of (Pichard et al.), 687
in the intact dog, arrhythmias and left ventricular function after defibrillation during (Geuze and de Vente), 292

Infarction, myocardial, acute—*continued*
in young adults with normal coronary arteries, streptokinase thrombolysis for (Anderson et al.), 1437 (Brief comm.)
inferior, anterior ST segment depression during: evidence for the reciprocal change theory (Wasserman et al.), 516
percutaneous transluminal coronary angioplasty with and without thrombolytic therapy for treatment of (Hartzler et al.), 965
role of cardiac surgery in. I. With mechanical complications (Gray, Sethna, and Matloff), 723
II. Without mechanical complications (Gray, Sethna, and Matloff), 728
subacute left ventricular free wall rupture following: bedside hemodynamics, differential diagnosis, and treatment (Coma-Canella et al.), 278
transmural, wall motion abnormalities and electrocardiographic changes in: implications of reciprocal ST segment depression (Pichler et al.), 1003
with essential thrombocythemia in a young man (Pick et al.), 406 (Brief comm.)
and coronary spasm (Cohen), 606 (Letter)
and ischemia, the functional implications of scintigraphic measures of (Misbach et al.), 996
hypophosphatemia in (Fisher), 425 (Letter)
Reply (Blum), 425
the definition of during aortocoronary bypass surgery (Olthof et al.), 631
verifed at autopsy, sensitivity and specificity of Minnesota Code Q-QS abnormalities in the diagnosis of (Uusitupa et al.), 753 (Brief comm.)
Infective endocarditis, immune reactions in. I. Clinical data and diagnostic relevance of antimyocardial antibodies (Maisch, Eichstädt, and Kochsiek), 329
II. Relevance of circulating immune complexes, serum inhibition factors, lymphocytotoxic reactions, and antibody-dependent cellular cytotoxicity against cardiac target cells (Maisch et al.), 338
skin signs of (Proudfit), 1451
Infranodal conduction time, acute changes in following left ventriculography and sublingual nitroglycerin administration in man (Peters et al.), 464
Inhibiting agents, slow channel, comparative study of the effect of on ischemia-induced conduction delay as relevant to the genesis of ventricular fibrillation (Peter et al.), 1023
Integrated noninvasive approach to valvular heart disease, the need for an (Borow), 1177
Interactions, drug, with amiodarone (Marcus), 924
Interval(s), coupling, alternate long and short, in ventricular extrasystolic bigeminy (Kinoshita, Fukiwara, and Okimori), 1444 (Brief comm.)
and types of ventricular ectopic activity associated with ventricular runs (Thanavaro et al.), 484
Intoxication, digitalis, changes in red blood cell electrolyte concentrations in (Henion et al.), 14
Intracardiac and intravascular defects, potential for palliation and correction of: laser irradiation of congenital heart disease (Riemenschneider et al.), 1389
Intramural cardiac tumor, primary: long-term follow-up (Charuzi et al.), 414 (Brief comm.)
Intrarenal sites and mechanisms of action of diuretic agents, insights into (Materson), 188
Intravascular and intracardiac defects, potential for palliation and correction of: laser irradiation of congenital heart disease (Riemenschneider et al.), 1389
Intravenous amiodarone in patients with depressed left ventricular function and recurrent ventricular tachycardia, hemodynamic effects of (Schwartz et al.), 848
nitroglycerin-induced abducens nerve palsy (Alexander et al.), 1159 (Brief comm.)
Introduction (to Amiodarone Supplement) (Singh and Zipes), 787
to Indapamide Symposium (Materson), 183
Invasive and noninvasive techniques for identifying left ventricular mural thrombi, comparative value of (Starling et al.), 1143
Irradiation, laser, delivered by flexible fiberoptic system, effects of on the left ventricular internal myocardium (Lee et al.), 587 (Brief comm.)
Irradiation, laser—*continued*
of congenital heart disease: potential for palliation and correction of intracardiac and intravascular defects (Riemenschneider et al.), 1389
Ischemia and atrial coronary hyperemia in response to variations in atrial pressure in dogs (Neill et al.), 554
in dogs, acute demand-induced, in vivo evaluation of. Part IV of C-11 palmitate for the noninvasive evaluation of regional myocardial fatty acid metabolism with positron-computed tomography (Schelbert et al.), 736
-induced conduction delay, comparative study of effect of slow channel inhibiting agents on as relevant to the genesis of ventricular fibrillation (Peter et al.), 1023
myocardial, acute, and reperfusion in the dog, beneficial effects of the alpha-adrenergic antagonist nicergoline during (Bolli et al.), 1014
pseudonormalization of repolarization, a sign of (Haïat), 171 (Letter)
Reply (Goldberger), 172
and infarction, the functional implications of scintigraphic measures of (Misbach et al.), 996
in the canine heart, repetitive extrasystole as an index of vulnerability to ventricular fibrillation during (Kowey, Verrier, and Lown), 1321
induced by exercise in patients with angina pectoris, dissociation between regional myocardial dysfunction and ECG changes during (Sugishita et al.), 1
platelet serotonin uptake during (Oei et al.), 1077
transient Q waves and reversible cardiac failure during: electrical and mechanical stunning of the heart (Bashour et al.), 780
Ischemic events, acute, transient pathologic Q waves during: an electrocardiographic correlate of stunned but viable myocardium (Bateman et al.), 1421
myocardial injury, effect of BW755C in an occlusion-reperfusion model of (Jolly and Lucchesi), 8
Isolated levocardia: two cases with abdominal situs inversus, thoracic situs solitus, and normal circulation (Chacko et al.), 155 (Brief comm.)
Isometric exercise, response to in children and young adults with aortic regurgitation (Gumbiner and Gutgesell), 540
Isoproterenol, decreased response of failing heart to: study of the normal and failing isolated human heart (Ginsburg et al.), 535

J

Japanese, HLA and rheumatic heart disease in (Naito, Kitajima, and Arakawa), 1164 (Brief comm.)
Junctional ablation, transvenous AV (Scheinman), 607 (Letter)
automatic ectopic tachycardia: new proposed treatment by transcatheter His bundle ablation (Gillette et al.), 619

K

Kent bundle, slow, in Ebstein's anomaly, antidromic reciprocating tachycardia via a (Inoue et al.), 147 (Brief comm.)

L

Laser atrial septostomy (Bommer et al.), 1152 (Brief comm.)
irradiation delivered by flexible fiberoptic system on the left ventricular internal myocardium, effects of (Lee et al.), 587 (Brief comm.)
of congenital heart disease: potential for palliation and correction of intracardiac and intravascular defects (Riemenschneider et al.), 1389
treatment, vaporization of human thrombus by (Lee et al.), 403 (Brief comm.)
Lead, pacing, bipolar polyurethane, Medtronic, radiographic pseudofracture of the (Dunlap, Popat, and Sorkin), 167 (Brief comm.)
endocardial, steroid-eluting, for treatment of exit block (King et al.), 1438 (Brief comm.)
Leaflet, flail anterior, in tricuspid endocarditis, echocardiographic diagnosis of (Bates and Sorkin), 161 (Brief comm.)

Left bundle branch block: a predictor of poor left ventricular function in coronary artery disease (Hamby et al.), 471
coronary artery, anomalous, from congestive cardiomyopathy, two-dimensional echocardiographic differentiation of (Caldwell et al.), 710
from the pulmonary artery, anomalous origin of the (Bland-White-Garland syndrome) in adult patients: long-term follow-up after surgery (Moodie et al.), 381
ventricular dilatation, chronic, relationship of angiographic and echographic dimensions in (Boudoulas et al.), 356
dysfunction, effect of combined nitroglycerin and dobutamine infusion in (Awan et al.), 35
end-diastolic pressure after contrast ventriculography in patients with coronary artery disease, mechanism of increase in (Slutsky et al.), 107
fistula–coronary artery fistula, with angina pectoris (Brooks and Bates), 404 (Brief comm.)
free wall rupture, subacute, following acute myocardial infarction: bedside hemodynamics, differenital diagnosis, and treatment (Coma-Canella et al.), 278
function and arrhythmias after defibrillation during acute myocardial infarction in the intact dog (Geuze and de Vente), 292
depressed, and recurrent ventricular tachycardia, hemodynamic effects of intravenous amiodarone in patients with (Schwartz et al.), 848
effect of ventricular pacing on assessed by radionuclide angiography (Boucher et al.), 1105
improved, at rest and during exercise: trimazosin in chronic congestive heart failure (Ports et al.), 1036
poor: left bundle branch block, a predictor of in coronary artery disease (Hamby et al.), 471
hemangioma masquerading as *Mycoplasma* pericarditis (Boden et al.), 771 (Brief comm.)
hypertrophy, abnormal diastolic left ventricular posterior wall motion in (Kramer et al.), 1066
internal myocardium, effects of laser irradiation delivered by flexible fiberoptic system on (Lee et al.), 587 (Brief comm.)
mural thrombi, comparative value of invasive and noninvasive techniques for identifying (Starling et al.), 1143
outflow tract obstruction, echocardiographic assessment of (Vered et al.), 177
performance in coronary artery disease, mitral E point septal separation, a reliable index of (Ahmadpour et al.), 21
resting, abnormal baseline, serial radionuclide assessment of doxorubicin cardiotoxicity in cancer patients with (Choi et al.), 638
posterior wall motion, abnormal diastolic, in left ventricular hypertrophy (Kramer et al.), 1066
–right atrial communication, echocardiographic diagnosis of (Grenadier et al.), 407 (Brief comm.)
-to-right atrial shunt, contrast echocardiographic right-to-left flow in (Grenadier, Keidar, and Palant), 1157 (Brief comm.)
transmural pressure-volume relationships in humans, effects of airway pressure and lung volume on (Ditchey, Costello, and Shabetai), 46
volume(s) and ejection fraction, alterations in during atrial pacing in patients with coronary artery disease: assessment with radionuclide ventriculography (Dehmer et al.), 114
curves, radionuclide, in angiographically proved normal subjects and patients with three-vessel coronary disease (Austin and Jones), 1357
rapid, semiautomated technique for estimating (Kantrowitz et al.), 521
wall impaction by mitral prosthesis, two-dimensional echocardiographic detection of (Rosenzweig and Nanda), 1069
ventriculography and coronary arteriography during spontaneous and exercise-induced ST segment elevation in patients with variant angina (Matsuda et al.), 509
and sublingual nitroglycerin administration in man, acute changes in infranodal conduction time following (Peters et al.), 464
Leg elevation in pericarditis, chest pain induced by (Aderka and Pinkhas), 424 (Letter)
Levocardia, isolated: two cases with abdominal situs inversus, thoracic situs solitus, and normal circulation (Chacko et al.), 155 (Brief comm.)
Lipid alterations and glucose intolerance: metabolic disturbances increasing the risk of coronary heart disease during diuretic-based antihypertensive therapy (Trimazosin supplement) (Ames), 1207
carbohydrate, and potassium metabolism, thiazide-induced disturbances in (Perez-Stable and Caralis), 245
profiles, serum, in hypertensive patients, effect of trimazosin on (Singleton and Taylor), 1265
Lithium therapy, persistent sinus node dysfunction secondary to (Palileo et al.), 1443 (Brief comm.)
Long and short coupling intervals in ventricular extrasystolic bigeminy, alternate (Kinoshita, Fukiwara, and Okimori), 1444 (Brief comm.)
-term amiodarone in treatment of cardiac arrhythmias, efficacy and safety of: dosage experience (Haffajee et al.), 935
therapy, ocular effects in (Ingram), 902
experience with indapamide (Beling et al.), 258
Longitudinal dissociation in an anomalous accessory atrioventricular pathway (Belhassen et al.), 1441 (Brief comm.)
Lung volume and airway pressure, effects of on left ventricular transmural pressure-volume relationships in humans (Ditchey, Costello, and Shabetai), 46
Lymphocytotoxic reactions, circulating immune complexes, serum inhibition factors, and antibody-dependent cellular cytotoxicity against cardiac target cells, relevance of. Part II of Immune reactions in infective endocarditis (Maisch et al.), 338

M

Malignant or severe hypertension, acute electrocardiographic effects of captopril in the initial treatment of (Abe et al.), 558
Malnutrition, cardiac tamponade with refeeding in (Sullam and Falk), 422 (Brief comm.)
Mechanical complications, with. Part I of Role of cardiac surgery in acute myocardial infarction (Gray, Sethna, and Matloff), 723
without. Part II of Role of cardiac surgery in acute myocardial infarction (Gray, Sethna, and Matloff), 728
Mechanisms of action of diuretic agents, insights into intrarenal sites and (Materson), 188
Medtronic bipolar polyurethane pacing lead, radiographic pseudofracture of the (Dunlap, Popat, and Sorkin), 167 (Brief comm.)
Metabolic disturbances increasing the risk of coronary heart disease during diuretic-based antihypertensive therapy: lipid alterations and glucose intolerance (Trimazosin supplement) (Ames), 1207
Metabolism, carbohydrate, lipid, and potassium, thiazide-induced disturbances in (Perez-Stable and Caralis), 245
Methyldopa and trimazosin, double-blind study of in hypertensive patients receiving polythiazide (Moyer), 1250
Middle-aged women, coronary spastic angina in: a psychosomatic disorder? (Bashour, Hakim, and Cheng), 609
Minnesota Code Q-QS abnormalities, sensitivity and specificity of in diagnosis of myocardial infarction verified at autopsy (Uusitupa et al.), 753 (Brief comm.)
Mitral E point septal separation: a reliable index of left ventricular performance in coronary artery disease (Ahmadpour et al.), 21
leaflet, flail posterior, paradoxical diastolic anterior motion of (Motro, Schneeweiss, and Neufeld), 599 (Brief comm.)
obstruction in bacterial endocarditis, echocardiographic diagnosis of (Grenadier et al.), 591 (Brief comm.)
perivalvular leak with Björk-Shiley and Starr-Edwards prostheses, combined echo-phonocardiographic diagnosis of (Lehrer et al.), 761 (Brief comm.)
prosthesis, two-dimensional echocardiographic detection of left ventricular wall impaction by (Rosenzweig and Nanda), 1069

Mitral—*continued*
valve prolapse in the general population. 1. Epidemiologic features: The Framingham Study (Savage et al.), 571
2. Clinical features: The Framingham Study (Savage et al.), 577
3. Dysrhythmias: The Framingham Study (Savage et al.), 582
syndrome, chaotic atrial tachycardia in the (Abinader and Cooper), 1161 (Brief comm.)
valvuloplasty, Carpentier, echocardiographic evaluation of (Kronzon et al.), 362
Monitoring system, ambulatory ECG-respiration (Otsuka et al.), 1173 (Letter)
Mortality, coronary heart disease, toward explaining the decline in (Gillum), 783
Multifactorial risk and cardiovascular disease: challenge of the 1980s (Trimazosin supplement) (Castelli), 1191
stenosis of a porcine aortic valve (Bortolotti et al.), 166 (Brief comm.)
Multiple bolus loading of intravenous disopyramide, safety of (Simpson et al.), 505
repetitive extrasystole threshold in the dog, interactions among heart rate, autonomic activity, and arterial pressure upon the (Furey and Levy), 1112
Multiprogrammable pacemaker with unipolar or bipolar option, a (Smyth and Sager), 412 (Brief comm.)
Multisensor pacing, towards (Donaldson and Rickards), 1454
Multivessel coronary artery disease, assessment of myocardial perfusion pattern in patients with (Iskandrian et al.), 1089
Mural thrombi, left ventricular, comparative value of invasive and noninvasive techniques for identifying (Starling et al.), 1143
Mycoplasma pericarditis, left ventricular hemangioma masquerading as (Boden et al.), 771 (Brief comm.)
Myocardial blood flow distal to a severe fixed coronary artery stenosis, influence of coronary vasodilation on the transmural distribution of (Gewirtz et al.), 674
regional, effect of cold pressor test on in patients with coronary artery disease (Malacoff et al.), 78
bridges, clinical significance of (Ishimori), 169 (Letter)
Reply (Kramer), 169
in obstructive hypertrophic cardiomyopathy (Kitazume et al.), 131
dysfunction, regional, and ECG changes during myocardial ischemia induced by exercise in patients with angina pectoris, dissociation between (Sugishita et al.), 1
fatty acid metabolism, regional, with positron-computed tomography, C-11 palmitate for the noninvasive evaluation of. IV. In vivo evaluation of acute demand-induced ischemia in dogs (Schelbert et al.), 736
imaging, thallium-201, during maximal and submaximal exercise: comparison of submaximal exercise with propranolol (Steele et al.), 1353
infarct scar formation, effect of early exercise on (Kloner and Kloner), 1009
infarction, acute, and small CK-MB elevations (Shah), 1449 (Letter)
Reply (McQueen, Holder, and El-Maraghi), 1449
angiographic study of the infarct-related coronary artery in the chronic stage of (Pichard et al.), 687
in the intact dog, arrhythmias and left ventricular function after defibrillation during (Geuze and de Vente), 292
in young adults with normal coronary arteries, streptokinase thrombolysis for (Anderson et al.), 1437 (Brief comm.)
inferior, anterior ST segment depression during: evidence for the reciprocal change theory (Wasserman et al.), 516
percutaneous transluminal coronary angioplasty with and without thrombolytic therapy for treatment of (Hartzler et al.), 965
role of cardiac surgery in. I. With mechanical complications (Gray, Sethna, and Matloff), 723
II. Without mechanical complications (Gray, Sethna, and Matloff), 728
subacute left ventricular free wall rupture following: bedside hemodynamics, differential diagnosis, and treatment (Coma-Canella et al.), 278
Myocardial infarction, acute—*continued*
transmural, wall motion abnormalities and electrocardiographic changes in: implications of reciprocal ST segment depression (Pichler et al.), 1003
with essential thrombocythemia in a young man (Pick et al.), 406 (Brief comm.)
and coronary spasm (Cohen), 606 (Letter)
and ischemia, the functional implications of scintigraphic measures of (Misbach et al.), 996
during aortocoronary bypass surgery, the definition of (Olthof et al.), 631
hypophosphatemia in (Fisher), 425 (Letter)
Reply (Blum), 425
oral contraception, cigarette smoking, and coronary artery spasm in young women (Jugdutt et al.), 757 (Brief comm.)
verified at autopsy, sensitivity and specificity of Minnesota Code Q-QS abnormalities in the diagnosis of (Uusitupa et al.), 753 (Brief comm.)
injury, ischemic, effect of BW755C in an occlusion-reperfusion model of (Jolly and Lucchesi), 8
ischemia, acute, and reperfusion in the dog, beneficial effects of the alpha-adrenergic antagonist nicergoline during (Bolli et al.), 1014
pseudonormalization of repolarization, a sign of (Haïat), 171 (Letter)
Reply (Goldberger), 172
and infarction, the functional implications of scintigraphic measures of (Misbach et al.), 996
in the canine heart, repetitive extrasystole as an index of vulnerability to ventricular fibrillation during (Kowey, Verrier, and Lown), 1321
induced by exercise in patients with angina pectoris, dissociation between regional myocardial dysfunction and ECG changes during (Sugishita et al.), 1
platelet serotonin uptake during (Oei et al.), 1077
transient Q waves and reversible cardiac failure during: electrical and mechanical stunning of the heart (Bashour et al.), 780
metabolic and electrophysiologic changes in acute phase of partial coronary occlusion (Mori et al.), 624
perfusion at rest, relationship of to presenting clinical syndrome: serial thallium-201 imaging at rest in patients with unstable and stable angina pectoris (Brown et al.), 70
pattern in patients with multivessel coronary artery disease, assessment of (Iskandrian et al.), 1089
reperfusion, nonsurgical, effects of on plasma creatine kinase kinetics in man (Shell, Mickle, and Swan), 665
scintigraphy, exercise, thallium-201 in, time to completed redistribution of: relationship to the degree of coronary artery stenosis (Gutman et al.), 989
thallium washout rate in the noninvasive diagnosis of patients with triple-vessel coronary artery disease, value and limitations of (Gewirtz et al.), 681
Myocardium and vascular smooth muscle at two levels of coronary occlusion in the dog, contrasting effects of nifedipine and verapamil on (Weintraub et al.), 1347
left ventricular internal, effects of laser irradiation delivered by flexible fiberoptic system on (Lee et al.), 587 (Brief comm.)
stunned but viable, electrocardiographic correlate of: transient pathologic Q waves during acute ischemic events (Bateman et al.), 1421

N

Neonatal coarctation and associated anomalies, noninvasive diagnosis of using two-dimensional echocardiography (Duncan et al.), 63
transluminal balloon coarctation angioplasty (Lababidi), 752 (Brief comm.)
Nerve palsy, abducens, intravenous nitroglycerin-induced (Alexander et al.), 1159 (Brief comm.)
New 2-methylindoline antihypertensive diuretic, preclinical studies of indapamide, a (Pruss and Wolf), 208
Newborn with TGV, contrast echo diagnosis of patent ductus in (Glaser), 604 (Letter)

Nicergoline, alpha-adrenergic antagonist, beneficial effects of the during acute myocardial ischemia and reperfusion in the dog (Bolli et al.), 1014
Nifedipine and digoxin in patients with chronic heart failure, acute hemodynamic effects of combined therapy with (Cantelli et al.), 308
and verapamil, comparison of the direct effects of on the electrical activity of the sinoatrial and atrioventricular nodes of the rabbit heart (Wu and Wit), 345
on myocardium and vascular smooth muscle at two levels of coronary occlusion in the dog, contrasting effects of (Weintraub et al.), 1347
diltiazem, and verapamil, comparative experience during the initial year of therapy with: clinical outcome after treatment of rest angina with calcium blockers (Pepine et al.), 1341
therapy, efficacy of in patients with refractory angina pectoris: significance of the presence of coronary vasospasm (Stone et al.), 644
Nitroglycerin administration, sublingual, and left ventriculography in man, acute changes in infranodal conduction time following (Peters et al.), 464
and dobutamine infusion in left ventricular dysfunction, effect of combined (Awan et al.), 35
-induced abducens nerve palsy, intravenous (Alexander et al.), 1159 (Brief comm.)
Nitroprusside, short-term, and nitroprusside withdrawal in patients with congestive heart failure, acute response of plasma norepinephrine, renin activity, and arginine vasopressin to (Francis et al.), 1315
withdrawal and short-term nitroprusside in patients with congestive heart failure, acute response of plasma norepinephrine, renin activity, and arginine vasopressin to (Francis et al.), 1315
Nodal reentrant tachycardia, atrioventricular, with second-degree AV nodal block (Senges et al.), 766 (Brief comm.)
Node dysfunction, sinus, persistent, secondary to lithium therapy (Palileo et al.), 1443 (Brief comm.)
Nodoventricular and atrioventricular bypass tracts in SVT (Belhassen, Motté, and Brechenmacher), 604 (Letter)
Reply (Josephson), 604
Noninvasive and invasive techniques for identifying left ventricular mural thrombi, comparative value of (Starling et al.), 1143
approach to valvular heart disease, the need for an integrated (Borow), 1177
assessment of valvular heart disease: surgery without catheterization (Borow et al.), 443
diagnosis of neonatal coarctation and associated anomalies using two-dimensional echocardiography (Duncan et al.), 63
evaluation of Blalock-Taussig shunts: determination of patency and differentiation from patent ductus arteriosus by Doppler echocardiography (Stevenson, Kawabori, and Bailey), 1121
Nonsurgical myocardial reperfusion, effects of on plasma creatine kinase kinetics in man (Shell, Mickle, and Swan), 665
Norepinephrine, plasma, renin activity, and arginine vasopressin to short-term nitroprusside and nitroprusside withdrawal in patients with congestive heart failure, acute response of (Francis et al.), 1315
Normotensive males, healthy, ambulatory blood pressure in (Kennedy et al.), 717
men with exaggerated blood pressure response to exercise, follow-up of (Dlin et al.), 316

O

Obstruction, left ventricular outflow tract, echocardiographic assessment of (Vered et al.), 177
Obstructive hypertrophic cardiomyopathy, myocardial bridges in (Kitazume et al.), 131
Occluded aortocoronary saphenous vein graft, late thrombolysis of an (Frumin et al.), 401 (Brief comm.)
Occlusion, coronary, in the dog, contrasting effects of nifedipine and verapamil on myocardium and vascular smooth muscle at two levels of (Weintraub et al.), 1347
Occlusion, coronary—*continued*
partial, electrophysiologic and myocardial metabolic changes in the acute phase of (Mori et al.), 624
permanent, decrease in thallium-201 image defect size after (Schwartz et al.), 1082
-reperfusion model of ischemic myocardial injury, effect of BW755C in an (Jolly and Lucchesi), 8
versus reperfusion: mechanism of dysrhythmias in variant angina pectoris (Kerin et al.), 1332
Ocular effects in long-term amiodarone therapy (Ingram), 902
Opening remarks: hypertension and the risk factor concept (Trimazosin supplement) (Leren), 1190
session III of Trimazosin supplement: Mismatch of essential hypertension's pathophysiology and current antihypertensive drugs: a perspective for alpha-1-adrenergic blockade (Birkenhäger and Leeuw), 1235
Oral contraception, myocardial infarction, cigarette smoking, and coronary artery spasm in young women (Jugdutt et al.), 757 (Brief comm.)
verapamil therapy, long-term, in patients with rest angina (Mehta, Conti, and Pepine), 1133
Organic brain syndrome, digoxin-induced (Eisendrath, Gershengorn, and Unger), 419 (Brief comm.)
Oslo study, the: CHD risk factors, socioeconomic influences, and intervention (Trimazosin supplement) (Leren et al.), 1200
Osteogenesis imperfecta, cardiovascular abnormalities in (White, Winearls, and Smith), 1416
Outflow tract obstruction, left ventricular, echocardiographic assessment of (Vered et al.), 177

P

Pacemaker(s) implantation, vasovagal syncope in children requiring (Sapire et al.), 1406
multiprogrammable, with unipolar or bipolar option, a (Smyth and Sager), 412 (Brief comm.)
programmable automatic atrial antitachycardia, tachyarrhythmias associated with (Lerman et al.), 1029
sound and programmability (Famularo, Redd, and Messenger), 1440 (Brief comm.)
Pacing, atrial, in patients with coronary artery disease, alterations in left ventricular volumes and ejection fraction during: assessment with radionuclide ventriculography (Dehmer et al.), 114
lead, bipolar polyurethane, Medtronic, radiographic pseudofracture of the (Dunlap, Popat, and Sorkin), 167 (Brief comm.)
endocardial, steroid-eluting, for treatment of exit block (King et al.), 1438 (Brief comm.)
multisensor, towards (Donaldson and Rickards), 1454
ventricular, effect of on left ventricular function assessed by radionuclide angiography (Boucher et al.), 1105
Pain, chest, induced by leg elevation in pericarditis (Aderka and Pinkhas), 424 (Letter)
Palmitate, C-11, for the noninvasive evaluation of regional myocardial fatty acid metabolism with positron-computed tomography. IV. In vivo evaluation of acute demand-induced ischemia in dogs (Schelbert et al.), 736
Palsy, nerve, abducens, intravenous nitroglycerin-induced (Alexander et al.), 1159 (Brief comm.)
Paradoxical diastolic anterior motion of flail posterior mitral leaflet (Motro, Schneeweiss, and Neufeld), 599 (Brief comm.)
Parasystole, ventricular, double, associated with complete atrioventricular block (Takeda et al.), 1167 (Brief comm.)
Parasystolic rhythm, ventricular, effect of sinus impulses on (Kinoshita and Mizutani), 1162
Paroxysmal atrial tachycardia, slow, clinical significance of (Shani et al.), 478
supraventricular tachycardia with or without Wolff-Parkinson-White syndrome, effect of amiodarone in (Wellens, Brugada, and Abdollah), 876
Patency, aortocoronary vein bypass graft, efficacy of antiplatelet drugs in the maintenance of (Gitler and Gitler), 563
Patent ductus arteriosus by Doppler echocardiography, determination of patency and differentiation from: noninvasive evaluation of Blalock-Taussig shunts (Stevenson, Kawabori, and Bailey), 1121

Patent ductus—*continued*
in newborn with TGV, contrast echo diagnosis of (Glaser), 604 (Letter)
Pathologic measurements in aortic atresia (van der Horst et al.), 1411
Q waves, transient, during acute ischemic events: an electrocardiographic correlate of stunned but viable myocardium (Bateman et al.), 1421
Pathophysiologic mechanisms of cardiac arrhythmias (Wit and Rosen), 798
Pathophysiology of arrhythmias: clinical electrophysiology (Zipes, Heger, and Prystowsky), 812
Pathway, atrioventricular, anomalous accessory, longitudinal dissociation in an (Belhassen et al.), 1441 (Brief comm.)
Percutaneous transluminal coronary angioplasty, follow-up of patients from the Coronary Artery Surgery Study (CASS) potentially suitable for (Holmes et al.), 981
in patients with stable and unstable angina pectoris: analysis of early and late results (Meyer et al.), 973
with and without thrombolytic therapy for treatment of acute myocardial infarction (Hartzler et al.), 965
Perfusion pattern, myocardial, in patients with multivessel coronary artery disease, assessment of (Iskandrian et al.), 1089
Pericardial effusion, clinical spectrum of as the presenting feature of hypothyroidism (Zimmerman, Yahalom, and Bar-On), 770 (Brief comm.)
Pericardiotomy syndrome, post-, gallium-67 scanning, a new diagnostic approach to the (Bufalino et al.), 1138
Pericarditis, chest pain induced by leg elevation in (Aderka and Pinkhas), 424 (Letter)
constrictive, the clinical diagnosis of (Blake), 432
Mycoplasma, left ventricular hemangioma masquerading as (Boden et al.), 771 (Brief comm.)
Pericardium, role of in interactions between the cardiac chambers (Hess et al.), 1377
Perivalvular leak, mitral, with Bjork-Shiley and Starr-Edwards prostheses, combined echophonocardiographic diagnosis of (Lehrer et al.), 761 (Brief comm.)
Pharmacodynamics and pharmacokinetics of trimazosin in man (Reid, Meredith, and Elliott), 1222
Pharmacokinetics, amiodarone (Holt et al.), 840
and clinical pharmacology of indapamide (Caruso, Szabadi, and Vukovich), 212
and pharmacodynamics of trimazosin in man (Reid, Meredith, and Elliott), 1222
of a sustained-release trimazosin tablet formulation (Flouvat et al.), 1228
of amiodarone dosing, a proposal (Siddoway et al.), 951
Pharmacologic profile and historical development of amiodarone (Singh), 788
Pharmacology, clinical, and pharmacokinetics of indapamide (Caruso, Szabadi, and Vukovich), 212
Phasic pressure gradients across coronary and renal artery stenoses in humans (Ganz et al.), 1399
Phenylephrine and tranylcypromine, combined, for postural hypotension (Itskovitz and Wartenburg), 598 (Brief comm.)
in rats, effects of trimazosin and prazosin on blood pressure and on pressor responses to (Constantine, Lebel, and Weeks), 1216
Phonocardiographic-echocardiographic diagnosis of mitral perivalvular leak with Björk-Shiley and Starr-Edwards prostheses, combined (Lehrer et al.), 761 (Brief comm.)
Pirbuterol, oral, acute and long-term hemodynamic effects of in patients with chronic severe congestive heart failure: randomized double-blind trial (Pamelia et al.), 1369
Plasma creatine kinase kinetics in man, effects of nonsurgical myocardial reperfusion on (Shell, Mickle, and Swan), 665
norepinephrine, renin activity, and arginine vasopressin to short-term nitroprusside and nitroprusside withdrawal in patients with congestive heart failure, acute response of (Francis et al.), 1315
Platelet serotonin uptake during myocardial ischemia (Oei et al.), 1077
Poland's syndrome, association of atrial septal defect with (Samant et al.), 159 (Brief comm.)
Polythiazide, hypertensive patients receiving, double-blind study of trimazosin and methyldopa in (Moyer), 1250
Porcine aortic valve, multifactorial stenosis of a (Bortolotti et al.), 166 (Brief comm.)
Positron-computed tomography, C-11 palmitate for the noninvasive evaluation of regional myocardial fatty acid metabolism with. IV. In vivo evaluation of acute demand-induced ischemia in dogs (Schelbert et al.), 736
Post-pericardiotomy syndrome, gallium-67 scanning, a new diagnostic approach to the (Bufalino et al.), 1138
Posterior mitral leaflet, flail, paradoxical diastolic anterior motion of (Motro, Schneeweiss, and Neufeld), 599 (Brief comm.)
wall motion, abnormal diastolic left ventricular, in left ventricular hypertrophy (Kramer et al.), 1066
Postural hypotension, combined phenylephrine and tranylcypromine for (Itskovitz and Wartenburg), 598 (Brief comm.)
supraventricular tachycardia, electrophysiologic mechanisms in (Saksena, Siegel, and Rathyen), 151 (Brief comm.)
Potassium, carbohydrate, and lipid metabolism, thiazide-induced disturbances in (Perez-Stable and Caralis), 245
Prazosin and trimazosin on blood pressure and on pressor responses to phenylephrine in rats, effects of (Constantine, Lebel, and Weeks), 1216
Preclinical studies of indapamide, a new 2-methylindoline antihypertensive diuretic (Pruss and Wolf), 208
Premature depolarizations, ventricular, single and repetitive, ethmozine suppression of during therapy: documentation of efficacy and long-term safety (Pratt et al.), 85
Pressor responses and blood pressure responses to phenylephrine in rats, effects of trimazosin and prazosin on (Constantine, Lebel, and Weeks), 1216
Pressure, arterial, heart rate, and autonomic activity, interactions among, upon the multiple repetitive extrasystole threshold in the dog (Furey and Levy), 1112
atrial, in dogs, atrial coronary hyperemia and ischemia in response to variations in (Neill et al.), 554
blood, ambulatory, in healthy normotensive males (Kennedy et al.), 717
and breathing, studies of changes in accompanying a cardiogenic hypertensive chemoreflex compared in conscious and anesthetized dogs (Hageman, James, and Urthaler), 547
and on pressor responses to phenylephrine in rats, effects of trimazosin and prazosin on (Constantine, Lebel, and Weeks), 1216
how diuretics lower (Freis), 185
end-diastolic, left ventricular, after contrast ventriculography in patients with coronary artery disease, mechanism of increase in (Slutsky et al.), 107
gradients, phasic, across coronary and renal artery stenoses in humans (Ganz et al.), 1399
response to exercise, blood, follow-up of normotensive men with exaggerated (Dlin et al.), 316
-volume relationships in humans, left ventricular transmural, effects of airway pressure and lung volume on (Ditchey, Costello, and Shabetai), 46
Primary intramural cardiac tumor: long-term follow-up (Charuzi et al.), 414 (Brief comm.)
Procainamide infusion, acute intravenous, conversion of atrial fibrillation to sinus rhythm by (Fenster et al.), 501
Profile of trimazosin: an effective and safe antihypertensive agent (Taylor et al.), 1269
Programmability, pacemaker, and pacemaker sound (Famularo, Redd, and Messenger), 1440 (Brief comm.)
Programmable automatic atrial antitachycardia pacemakers, tachyarrhythmias associated with (Lerman et al.), 1029
Progressive coronary atherosclerosis, segmental analysis of rate of progression in patients with (Kramer et al.), 1427
Prolapse, mitral valve, in the general population. 1. Epidemiologic features: The Framingham Study (Savage et al.), 571
2. Clinical features: The Framingham Study (Savage et al.), 577
3. Dysrhythmias: The Framingham Study (Savage et al.), 582

Prolapse—*continued*
syndrome, mitral valve, chaotic atrial tachycardia in the (Abinader and Cooper), 1161 (Brief comm.)
Prophylactic digoxin and SVT in cardiac surgery (Alvarez), 606 (Letter)
Reply (Desser et al.), 606
Propranolol and bendroflumethiazide in captopril-treated resistant hypertensive patients, double-blind comparison between (Staessen et al.), 321
and trimazosin, double-blind comparison of in essential hypertension (Helgeland), 1253
and verapamil in chronic stable angina, double-blind randomized crossover trial of (Bowles et al.), 1297
comparison of submaximal exercise with: thallium-201 myocardial imaging during maximal and submaximal exercise (Steele et al.), 1353
Prostheses, Björk-Shiley and Starr-Edwards, combined echophonocardiographic diagnosis of mitral perivalvular leak with (Lehrer et al.), 761 (Brief comm.)
Prosthesis, mitral, two-dimensional echocardiographic detection of left ventricular wall impaction by (Rosenzweig and Nanda), 1069
Prosthetic valve replacement, *Brucella* aortic endocarditis corrected by (Heibig et al.), 594 (Brief comm.)
Proximal coronary arteries, absence of associated with pulmonary atresia (Ueda et al.), 596 (Brief comm.)
Pseudofracture, radiographic, of the Medtronic bipolar polyurethane pacing lead (Dunlap, Popat, and Sorkin), 167 (Brief comm.)
Pseudonormalization of repolarization: a sign of acute myocardial ischemia (Haïat), 171 (Letter)
Reply (Goldberger), 172
Psychosomatic disorder, a: coronary spastic angina in middle-aged women? (Bashour, Hakim, and Cheng), 609
Pulmonary artery, anomalous origin of the left coronary artery from the (Bland-White-Garland syndrome) in adult patients: long-term follow-up after surgery (Moodie et al.), 381
surgical aneurysmorrhaphy: where do we go from here? (Finch et al.), 614
atresia, absence of proximal coronary arteries associated with (Ueda et al.), 596 (Brief comm.)
circulation time: comparison of mean, median, peak, and onset (appearance) values using indocyanine green and first-transit radionuclide techniques (Slutsky, Bhargava, and Higgins), 41
hypertension, contrast echocardiography in: observations explaining the early closure of the pulmonic valve (Meltzer et al.), 1394
postoperative, pulmonary vasodilators in (Kashani), 778 (Letter)
thromboembolic, chronic, computerized tomography in (Kereiakes et al.), 1432
toxicity, amiodarone (Rakita et al.), 906
vascular disease, irreversible, d-TGA and, palliative approach to: Senning repair with ductal decompression (Levinsky et al.), 409 (Brief comm.)
vasodilators in postoperative pulmonary hypertension (Kashani), 778 (Letter)
Pulmonic valve, observations explaining the early closure of the: contrast echocardiography in pulmonary hypertension (Meltzer et al.), 1394
stenotic, dysplastic, diagnostic angiocardiographic criteria in (Schneeweiss et al.), 761 (Brief comm.)

Q

Q waves in exercise testing, role of (Famularo, Vasilomanolakis, and Ellestad), 1448 (Letter)
Reply (Bateman and Berman), 1448
transient, and reversible cardiac failure during myocardial ischemia: electrical and mechanical stunning of the heart (Bashour et al.), 780
pathologic, during acute ischemic events: an electrocardiographic correlate of stunned but viable myocardium (Bateman et al.), 1421
Q-QS abnormalities, Minnesota Code, sensitivity and specificity of in diagnosis of myocardial infarction verified at autopsy (Uusitupa et al.), 753 (Brief comm.)
Quadrivalvular heart stenosis (Picó-Aracil et al.), 1447 (Brief comm.)
Quality control calibrations for ECG and VCG recording (Fesler, Robert, and Brohet), 424 (Letter)

R

Radiographic pseudofracture of the Medtronic bipolar polyurethane pacing lead (Dunlap, Popat, and Sorkin), 167 (Brief comm.)
Radionuclide angiography, comparison of two-dimensional echocardiography with during dynamic exercise for the detection of coronary artery disease (Visser et al.), 528
effect of ventricular pacing on left ventricular function assessed by (Boucher et al.), 1105
assessment, serial, of doxorubicin cardiotoxicity in cancer patients with abnormal baseline resting left ventricular performance (Choi et al.), 638
ejection fractions, sensitivity and specificity of in doxorubicin cardiotoxicity (McKillop et al.), 1048
left ventricular volume curves in angiographically proved normal subjects and patients with three-vessel coronary disease (Austin and Jones), 1357
techniques, first-transit, and indocyanine green techniques, comparison of mean, median, peak, and onset (appearance) values using: pulmonary circulation time (Slutsky, Bhargava, and Higgins), 41
ventriculography, assessment of alterations in left ventricular volumes and ejection fraction with during atrial pacing in patients with coronary artery disease (Dehmer et al.), 114
during exercise in patients with coronary heart disease, effects of beta-adrenergic blocking drugs on sensitivity and specificity of (Lindsay et al.), 271
Ratio, shunt, rapid method for determination of using a thermodilution technique (Morady, Brundage, and Gelberg), 369
Reciprocating tachycardia, antidromic, via a slow Kent bundle in Ebstein's anomaly (Inoue et al.), 147 (Brief comm.)
Recording, ECG and VCG, quality control calibrations for (Fesler, Robert, and Brohet), 424 (Letter)
Red blood cell electrolyte concentrations in digitalis intoxication, changes in (Henion et al.), 14
Reentrant tachycardia, atrioventricular nodal, with second-degree AV nodal block (Senges et al.), 766 (Brief comm.)
Refeeding in malnutrition, cardiac tamponade with (Sullam and Falk), 422 (Brief comm.)
Refractory angina pectoris, efficacy of nifedipine therapy in patients with: significance of the presence of coronary vasospasm (Stone et al.), 644
times, cardiac, prolongation of in man by clofilium phosphate, a new antiarrhythmic agent (Greene et al.), 492
Regional myocardial dysfunction and ECG changes during myocardial ischemia induced by exercise in patients with angina pectoris, dissociation between (Sugishita et al.), 1
fatty acid metabolism with positron-computed tomography, C-11 palmitate for the noninvasive evaluation of. IV. In vivo evaluation of acute demand-induced ischemia in dogs (Schelbert et al.), 736
Regurgitation, aortic, response to isometric exercise in children and young adults with (Gumbiner and Gutgesell), 540
tricuspid, assessed by contrast echography (Mortera and Martin-Duran), 172 (Letter)
Reply (Tei), 172
valvular, bilateral atrioventricular, supravalvular stenosing ring of the left atrium associated with (Isner et al.), 1150 (Brief comm.)
Renal and coronary artery stenoses in humans, phasic pressure gradients across (Ganz et al.), 1399
autonomic, and systemic hemodynamic actions of trimazosin in hypertensive patients (Chrysant), 1243
impairment, clinical efficacy, safety, and pharmacokinetics of indapamide in (Acchiardo and Skoutakis), 237

Renin activity, plasma norepinephrine, and arginine vasopressin to short-term nitroprusside and nitroprusside withdrawal in patients with congestive heart failure, acute response of (Francis et al.), 1315
Repeat aortic valvotomy in children (Fulton et al.), 60
Reperfusion and acute myocardial ischemia in the dog, beneficial effects of the alpha-adrenergic antagonist nicergoline during (Bolli et al.), 1014
myocardial, nonsurgical, effects of on plasma creatine kinase kinetics in man (Shell, Mickle, and Swan), 665
versus occlusion: mechanism of dysrhythmias in variant angina pectoris (Kerin et al.), 1332
Repetitive extrasystole as an index of vulnerability to ventricular fibrillation during myocardial ischemia in the canine heart (Kowey, Verrier, and Lown), 1321
Repolarization, pseudonormalization of: a sign of acute myocardial ischemia (Haïat), 171 (Letter)
Reply (Goldberger), 172
Residua and sequelae, cardiac valvular, after operation for congenital heart disease (Roberts), 1181
Respiration-ambulatory ECG monitoring system (Otsuka et al.), 1173 (Letter)
Rest angina, clinical outcome after treatment of with calcium blockers: comparative experience during the initial year of therapy with diltiazem, nifedipine, and verapamil (Pepine et al.), 1341
long-term oral verapamil therapy in patients with (Mehta, Conti, and Pepine), 1133
unstable angina at, verapamil for: a short-term randomized, double-blind study (Mauritson et al.), 652
Resting left ventricular performance, abnormal baseline, serial radionuclide assessment of doxorubicin cardiotoxicity in cancer patients with (Choi et al.), 638
Revascularization and improved exercise performance after coronary artery bypass surgery, computer-derived treadmill exercise score quantifies the degree of (Hollenberg et al.), 1096
Rheumatic heart disease and HLA in Japanese (Naito, Kitajima, and Arakawa), 1164 (Brief comm.)
Rhythm, ventricular parasystolic, effect of sinus impulses on (Kinoshita and Mizutani), 1162 (Brief comm.)
Right atrial–left ventricular communication, echocardiographic diagnosis of (Grenadier et al.), 407 (Brief comm.)
atrium, double-outlet: a rare endocardial cushion defect (Corwin, Singh, and Karlson), 1156 (Brief comm.)
ventricular thromboembolism, echocardiographic diagnosis of (Woolridge and Healey), 590 (Brief comm.)
Ring, supravalvular stenosing, of the left atrium associated with bilateral atrioventricular valvular regurgitation (Isner et al.), 1150 (Brief comm.)
Risk factor(s) concept and hypertension: opening remarks (Trimazosin supplement) (Leren), 1190
CHD, socioeconomic influences, and intervention: the Oslo study (Trimazosin supplement) (Leren et al.), 1200
multifactorial, and cardiovascular disease: challenge of the 1980s (Trimazosin supplement) (Castelli), 1191
Runners, well-trained, high-grade arrhythmias in (Zeppilli), 775 (Letter)
Reply (Pantano and Oriel), 777
Runs, ventricular, coupling interval and types of ventricular ectopic activity associated with (Thanavaro et al.), 484
Rupture, subacute left ventricular free wall, following acute myocardial infarction: bedside hemodynamics, differential diagnosis, and treatment (Coma-Canella et al.), 278

S

Salicylate-induced variant angina (Al-Abbasi), 1450 (Letter)
Reply (Miwa, Kambara, and Kawai), 1450
Saphenous vein graft, aortocoronary, occluded, late thrombolysis of an (Frumin et al.), 401 (Brief comm.)
Sarcoidosis, cardiac tamponade secondary to (Verkleeren et al.), 601 (Brief comm.)
Scanning, gallium-67: a new diagnostic approach to the postpericardiotomy syndrome (Bufalino et al.), 1138
Scar formation, myocardial infarct, effect of early exercise on (Kloner and Kloner), 1009
Scintigraphic measures of myocardial ischemia and infarction, the functional implications of (Misbach et al.), 996
Scintigraphy, myocardial, exercise, thallium-201 in, time to completed redistribution of: relationship to the degree of coronary artery stenosis (Gutman et al.), 989
Second-degree AV nodal block, atrioventricular nodal reentrant tachycardia with (Senges et al.), 766 (Brief comm.)
Segmental analysis of rate of progression in patients with progressive coronary atherosclerosis (Kramer et al.), 1427
Senning repair with ductal decompression: palliative approach to d-TGA and irreversible pulmonary vascular disease (Levinsky et al.), 409 (Brief comm.)
Septal defect, atrial, with Poland's syndrome, association of (Samant et al.), 159 (Brief comm.)
separation, mitral E point: a reliable index of left ventricular performance in coronary artery disease (Ahmadpour et al.), 21
Septostomy, laser atrial (Bommer et al.), 1152 (Brief comm.)
Sequelae and residua, cardiac valvular, after operation for congenital heart disease (Roberts), 1181
Serial radionuclide assessment of doxorubicin cardiotoxicity in cancer patients with abnormal baseline resting left ventricular performance (Choi et al), 638
thallium-201 imaging at rest in patients with unstable and stable angina pectoris: relationship of myocardial perfusion at rest to presenting clinical syndrome (Brown et al.), 70
Serotonin uptake, platelet, during myocardial ischemia (Oei et al.), 1077
Serum inhibition factors, circulating immune complexes, lymphocytotoxic reactions, and antibody-dependent cellular cytotoxicity against cardiac target cells, relevance of. Part II of Immune reactions in infective endocarditis (Maisch et al.), 338
lipid profiles in hypertensive patients, effect of trimazosin on (Singleton and Taylor), 1265
uric acid and coronary heart disease (Beard), 397
Seven-pinhole tomography for detection and localization of coronary artery disease, clinical evaluation of: comparison with planar imaging using quantitative analysis of myocardial thallium-201 distribution and washout after exercise (Bateman et al.), 263
Shocks, multiple, cardiac damage in dogs with chronically implanted automatic defibrillator electrode catheters and given four episodes of (VanVleet et al.), 300
Short and long coupling intervals in ventricular extrasystolic bigeminy, alternate (Kinoshita, Fukiwara, and Okimori), 1444 (Brief comm.)
Shunt(s), Blalock-Taussig, noninvasive evaluation of: determination of patency and differentiation from patent ductus arteriosus by Doppler echocardiography (Stevenson, Kawabori, and Bailey), 1121
left ventricular-to-right atrial, contrast echocardiographic right-to-left flow in (Grenadier, Keidar, and Palant), 1157 (Brief comm.)
ratio, rapid method for determination of using a thermodilution technique (Morady, Brundage, and Gelberg), 369
Side effects, adverse, amiodarone dosage, and drug concentrations, relationships between (Heger, Prystowsky, and Zipes), 931
and possible contraindications of amiodarone use (Harris et al.), 916
Sinoatrial and atrioventricular nodes of the rabbit heart, comparison of the direct effects of nifedipine and verapamil on the electrical activity of the (Wu and Wit), 345
conduction time, indirectly estimated by the atrial premature stimulus technique: patterns of error and the degree of associated inaccuracy as assessed by direct sinus node electrography (Reiffel et al.), 459
Sinus impulses on ventricular parasystolic rhythm, effect of (Kinoshita and Mizutani), 1162 (Brief comm.)
node dysfunction, persistent, secondary to lithium therapy (Palileo et al.), 1443 (Brief comm.)
electrography, direct, patterns of error and the degree of associated inaccuracy as assessed by: indirectly estimated sinoatrial conduction time by the atrial premature stimulus technique (Reiffel et al.), 459

Sinus—*continued*
rhythm, conversion of atrial fibrillation to by acute intravenous procainamide infusion (Fenster et al.), 501
Situs inversus, abdominal, thoracic situs solitus, and normal circulation, two cases of isolated levocardia with (Chacko et al.), 155 (Brief comm.)
solitus, thoracic, abdominal situs inversus, and normal circulation, two cases of isolated levocardia with (Chacko et al.), 155 (Brief comm.)
Skin signs of infective endocarditis (Proudfit), 1451
Sleep and ventricular arrhythmias (Rosenberg, Uretz, and Denes), 703
Slow channel inhibiting agents on ischemia-induced conduction delay as relevant to the genesis of ventricular fibrillation, comparative study of the effect of (Peter et al.), 1023
paroxysmal atrial tachycardia, clinical significance of (Shani et al.), 478
Smoking, cigarette, myocardial infarction, oral contraception, and coronary artery spasm in young women (Jugdutt et al.), 757 (Brief comm.)
Spasm, coronary, and myocardial infarction (Cohen), 606 (Letter)
artery, catheter-induced: an angiographic manifestation of vasospastic angina? (Mautner, Cooper, and Phillips), 659
electrocardiographic changes with (Feldman et al.), 1288
in young women, myocardial infarction, oral contraception, cigarette smoking, and (Jugdutt et al.), 757 (Brief comm.)
Spastic angina, coronary, in middle-aged women: a psychosomatic disorder? (Bashour, Hakim, and Cheng), 609
ST segment depression, anterior, during acute inferior myocardial infarction: evidence for the reciprocal change theory (Wasserman et al.), 516
reciprocal, implications of: wall motion abnormalities and electrocardiographic changes in acute transmural myocardial infarction (Pichler et al.), 1003
elevation, spontaneous and exercise-induced, in patients with variant angina, coronary arteriography and left ventriculography during (Matsuda et al.), 509
Starr-Edwards and Björk-Shiley prostheses, combined echophonocardiographic diagnosis of mitral perivalvular leak with (Lehrer et al.), 761 (Brief comm.)
Stenosing ring, supravalvular, of the left atrium associated with bilateral atrioventricular valvular regurgitation (Isner et al.), 1150 (Brief comm.)
Stenosis(ses), aortic, supravalvular, after aortocoronary bypass surgery, aortic aspergilloma resulting in (Robbins, Mohanty, and Mohanty), 163 (Brief comm.)
artery, coronary and renal, in humans, phasic pressure gradients across (Ganz et al.), 1399
fixed, severe, influence of coronary vasodilation on the transmural distribution of myocardial blood flow distal to a (Gewirtz et al.), 674
relationship of time to completed redistribution of thallium-201 in exercise myocardial scintigraphy to the degree of (Gutman et al.), 989
discrete subaortic, associated with congenital valvular aortic stenosis–a diagnostic challenge (Schneeweiss et al.), 55
heart, quadrivalvular (Picó-Aracil et al.), 1447 (Brief comm.)
multifactorial, of a porcine aortic valve (Bortolotti et al.), 166 (Brief comm.)
Stenotic pulmonic valve, dysplastic, diagnostic angiocardiographic criteria in (Schneeweiss et al.), 761 (Brief comm.)
Steroid-eluting endocardial pacing lead for treatment of exit block (King et al.), 1438 (Brief comm.)
Streptokinase thrombolysis for acute myocardial infarction in young adults with normal coronary arteries (Anderson et al.), 1437 (Brief comm.)
Stunned but viable myocardium, electrocardiographic correlate of: transient pathologic Q waves during acute ischemic events (Bateman et al.), 1421
Stunning of the heart, electrical and mechanical: transient Q waves and reversible cardiac failure during myocardial ischemia (Bashour et al.), 780
Subaortic stenosis, discrete, associated with congenital valvular aortic stenosis–a diagnostic challenge (Schneeweiss et al.), 55
Submaximal exercise with propranolol, comparison of: thallium-201 myocardial imaging during maximal and submaximal exercise (Steele et al.), 1353
Sudden recurrent arrhythmic deaths, control of: role of amiodarone (Nademanee et al.), 895
Summary, Trimazosin supplement (Birkenhäger), 1283
Supravalvular aortic stenosis after aortocoronary bypass surgery, aortic aspergilloma resulting in (Robbins, Mohanty, and Mohanty), 163 (Brief comm.)
stenosing ring of the left atrium associated with bilateral atrioventricular valvular regurgitation (Isner et al.), 1150 (Brief comm.)
Supraventricular tachyarrhythmias, refractory, efficacy of amiodarone for (Graboys, Podrid, and Lown), 870
tachycardia and prophylactic digoxin in cardiac surgery (Alvarez), 606 (Letter)
Reply (Desser et al.), 606
nodoventricular and atrioventricular bypass tracts in (Belhassen, Motté, and Brechenmacher), 604 (Letter)
Reply (Josephson), 604
paroxysmal, with or without Wolff-Parkinson-White syndrome, effect of amiodarone in (Wellens, Brugada, and Abdollah), 876
postural, electrophysiologic mechanisms in (Saksena, Siegel, and Rathyen), 151 (Brief comm.)
Surgical aneurysmorrhaphy, pulmonary artery: where do we go from here? (Finch et al.), 614
Sustained-release trimazosin tablet formulation, pharmacokinetics of a (Flouvat et al.), 1228
Syncope in patients with bifascicular block, electrophysiologic evaluation of (Ezri et al.), 693
vasovagal, in children requiring pacemaker implantation (Sapire et al.), 1406
Systemic, autonomic, and renal hemodynamic actions of trimazosin in hypertensive patients (Chrysant), 1243

T

Tablet formulation, trimazosin, sustained-release, pharmacokinetics of a (Flouvat et al.), 1228
Tachyarrhythmias associated with programmable automatic atrial antitachycardia pacemakers (Lerman et al.), 1029
supraventricular, refractory, efficacy of amiodarone for (Graboys, Podrid, and Lown), 870
Tachycardia, antidromic reciprocating, via a slow Kent bundle in Ebstein's anomaly (Inoue et al.), 147 (Brief comm.)
atrial, chaotic, in the mitral valve prolapse syndrome (Abinader and Cooper), 1161 (Brief comm.)
paroxysmal, slow, clinical significance of (Shani et al.), 478
ectopic, junctional automatic: new proposed treatment by transcatheter His bundle ablation (Gillette et al.), 619
reentrant, atrioventricular nodal, with second-degree AV nodal block (Senges et al.), 766 (Brief comm.)
supraventricular, and prophylactic digoxin in cardiac surgery (Alvarez), 606 (Letter)
Reply (Desser et al.), 606
nodoventricular and atrioventricular bypass tracts in (Belhassen, Motté, and Brechenmacher), 604 (Letter)
Reply (Josephson), 604
paroxysmal, with or without Wolff-Parkinson-White syndrome, effect of amiodarone in (Wellens, Brugada, and Abdollah), 876
postural, electrophysiologic mechanisms in (Saksena, Siegel, and Rathyen), 151 (Brief comm.)
ventricular, ambulatory: characteristics of the initiating beat (Swerdlow et al.), 1326
inducible sustained, refractory to individual class I drugs: effect of adding a second class I drug (Duffy et al.), 450
or ventricular fibrillation, clinical characteristics and results of electrophysiologic testing in young adults with (Morady et al.), 1306
recurrent, and depressed left ventricular function, hemodynamic effects of intravenous amiodarone in patients with (Schwartz et al.), 848
and ventricular fibrillation, clinical efficacy of amiodarone in treatment of (Heger, Prystowsky, and Zipes), 887

Tachycardia, ventricular—*continued*
trazodone exacerbation of (Vlay and Friedling), 604 (Letter)
Tamponade, cardiac, secondary to sarcoidosis (Verkleeren et al.), 601 (Brief comm.)
with refeeding in malnutrition (Sullam and Falk), 422 (Brief comm.)
Ten years of experience with amiodarone (Rosenbaum et al.), 957
Thallium-201 image defect size after permanent coronary occlusion, decrease in (Schwartz et al.), 1082
imaging, serial, at rest in patients with unstable and stable angina pectoris: relationship of myocardial perfusion at rest to presenting clinical syndrome (Brown et al.), 70
in exercise myocardial scintigraphy, time to completed redistribution of: relationship to the degree of coronary artery stenosis (Gutman et al.), 989
myocardial, distribution and washout after exercise; comparison of clinical evaluation of seven-pinhole tomography for detection and localization of coronary artery disease with planar imaging using quantitative analysis of (Bateman et al.), 263
imaging during maximal and submaximal exercise: comparison of submaximal exercise with propranolol (Steele et al.), 1353
washout rate, myocardial, in the noninvasive diagnosis of patients with triple-vessel coronary artery disease, value and limitations of (Gewirtz et al.), 681
Thermodilution technique, rapid method for determination of shunt ratio using a (Morady, Brundage, and Gelberg), 369
Thiazide(s)-induced disturbances in carbohydrate, lipid, and potassium metabolism (Perez-Stable and Caralis), 245
trimazosin for the treatment of hypertensive patients failing to respond to (Oberman and Pool), 1258
Thoracic situs solitus, abdominal situs inversus, and normal circulation, two cases of isolated levocardia with (Chacko et al.), 155 (Brief comm.)
Three-dimensional echoventriculography (Nixon et al.), 435
-vessel coronary disease, radionuclide left ventricular volume curves in angiographically proved normal subjects and patients with (Austin and Jones), 1357
Thrombocythemia, essential, in a young man, acute myocardial infarction with (Pick et al.), 406 (Brief comm.)
Thromboembolic pulmonary hypertension, chronic, computerized tomography in (Kereiakes et al.), 1432
Thromboembolism, right ventricular, echocardiographic diagnosis of (Woolridge and Healey), 590 (Brief comm.)
Thrombolysis, late, of an occluded aortocoronary saphenous vein graft (Frumin et al.), 401 (Brief comm.)
streptokinase, for acute myocardial infarction in young adults with normal coronary arteries (Anderson et al.), 1437 (Brief comm.)
Thrombolytic therapy for treatment of acute myocardial infarction, percutaneous transluminal angioplasty with and without (Hartzler et al.), 965
Thrombus(bi), human, vaporization of by laser treatment (Lee et al.), 403 (Brief comm.)
mural, left ventricular, comparative value of invasive and noninvasive techniques for identifying (Starling et al.), 1143
Thyroid function and amiodarone: clinical implications during antiarrhythmic therapy (Singh and Nademanee), 857
Tomography, computerized, in chronic thromboembolic pulmonary hypertension (Kereiakes et al.), 1432
positron-computed, C-11 palmitate for the noninvasive evaluation of regional myocardial fatty acid metabolism with. IV. In vivo evaluation of acute demand-induced ischemia in dogs (Schelbert et al.), 736
seven-pinhole, for detection and localization of coronary artery disease, clinical evaluation of: comparison with planar imaging using quantitative analysis of myocardial thallium-201 distribution and washout after exercise (Bateman et al.), 263
Torsade de pointes, atypical (Eldar et al.), 420 (Brief comm.)
Towards multisensor pacing (Donaldson and Rickards), 1454
Toxicity, pulmonary, amiodarone (Rakita et al.), 906
Transcatheter His bundle ablation, new proposed treatment of junctional automatic ectopic tachycardia by (Gillette et al.), 619
Transient Q waves and reversible cardiac failure during myocardial ischemia: electrical and mechanical stunning of the heart (Bashour et al.), 780
Transluminal balloon coarctation angioplasty, neonatal (Lababidi), 752 (Brief comm.)
coronary angioplasty, percutaneous, follow-up of patients from the Coronary Artery Surgery Study (CASS) potentially suitable for (Holmes et al.), 981
in patients with stable and unstable angina pectoris: analysis of early and late results (Meyer et al.), 973
with and without thrombolytic therapy for treatment of acute myocardial infarction (Hartzler et al.), 965
Transmembrane potential of hypoxic canine ventricular muscle fibers, effects of glucose on (Ballantyne and Davis), 670
Transmural distribution of myocardial blood flow distal to a severe fixed coronary artery stenosis, influence of coronary vasodilation on the (Gewirtz et al.), 674
myocardial infarction, acute, wall motion abnormalities and electrocardiographic changes in: implications of reciprocal ST segment depression (Pichler et al.), 1003
Transposition of the great vessels, contrast echo diagnosis of patent ductus in newborn with (Glaser), 604 (Letter)
Transvenous AV junctional ablation (Scheinman), 607 (Letter)
Tranylcypromine and phenylephrine, combined, for postural hypotension (Itskovitz and Wartenburg), 598 (Brief comm.)
Trazodone exacerbation of VT (Vlay and Friedling), 604 (Letter)
Treadmill exercise score, computer-derived, quantifies the degree of revascularization and improved exercise performance after coronary artery bypass surgery (Hollenberg et al.), 1096
Tricuspid atresia (type 1a): survival to 21 years of age (Breisch et al.), 149 (Brief comm.)
endocarditis, central venous line location in (Echeverria et al.), 1171 (Letter)
echocardiographic diagnosis of flail anterior leaflet in (Bates and Sorkin), 161 (Brief comm.)
regurgitation assessed by contrast echography (Mortera and Martin-Duran), 172 (Letter)
Reply (Tei), 172
Trimazosin and methyldopa, double-blind study of in hypertensive patients receiving polythiazide (Moyer), 1250
and prazosin on blood pressure and on pressor responses to phenylephrine in rats, effects of (Constantine, Lebel, and Weeks), 1216
and propranolol, double-blind comparison of in essential hypertension (Helgeland), 1253
effect of, on serum lipid profiles in hypertensive patients (Singleton and Taylor), 1265
for the treatment of hypertensive patients failing to respond to thiazides (Oberman and Pool), 1258
in chronic congestive heart failure: improved left ventricular function at rest and during exercise (Ports et al.), 1036
in hypertension, clinical hemodynamic profile of (Pool, Seagren, and Salel), 1237
in hypertensive patients, autonomic, systemic, and renal hemodynamic actions of (Chrysant), 1243
in man, pharmacokinetics and pharmacodynamics of (Reid, Meredith, and Elliott), 1222
profile of: an effective and safe antihypertensive agent (Taylor et al.), 1269
tablet formulation, sustained-release, pharmacokinetics of a (Flouvat et al.), 1228
Triple-vessel coronary artery disease, value and limitations of myocardial thallium washout rate in the noninvasive diagnosis of patients with (Gewirtz et al.), 681
Tumor, cardiac, primary intramural: long-term follow-up (Charuzi et al.), 414 (Brief comm.)
Two-dimensional echocardiographic detection of left ventricular wall impaction by mitral prosthesis (Rosenzweig and Nanda), 1069
differentiation of anomalous left coronary artery from congestive cardiomyopathy (Caldwell et al.), 710

Two-dimensional—*continued*
echocardiography, comparison of with radionuclide angiography during dynamic exercise for the detection of coronary artery disease (Visser et al.), 528
noninvasive diagnosis of neonatal coarctation and associated anomalies using (Duncan et al.), 63
2-methylindoline antihypertensive diuretic, a new, indapamide, preclinical studies of (Pruss and Wolf), 208

U

Unipolar or bipolar option, a multiprogrammable pacemaker with (Smyth and Sager), 412 (Brief comm.)
Unstable angina at rest, verapamil for: a short-term randomized, double-blind study (Mauritson et al.), 652
Uptake, platelet serotonin, during myocardial ischemia (Oei et al.), 1077
Uric acid, serum, and coronary heart disease (Beard), 397

V

Vagally mediated AV block, multiple electrophysiologic manifestations and clinical implications of (Zaman et al.), 92
Valve, aortic, porcine, multifactorial stenosis of a (Bortolotti et al.), 166 (Brief comm.)
prolapse, mitral, in the general population. 1. Epidemiologic features: The Framingham Study (Savage et al.), 571
2. Clinical features: The Framingham Study (Savage et al.), 577
3. Dysrhythmias: The Framingham Study (Savage et al.), 582
pulmonic, dysplastic stenotic, diagnostic angiocardiographic criteria in (Schneeweiss et al.), 761 (Brief comm.)
observations explaining the early closure of: contrast echocardiography in pulmonary hypertension (Meltzer et al.), 1394
replacement, prosthetic, *Brucella* aortic endocarditis corrected by (Heibig et al.), 594 (Brief comm.)
Valvotomy, aortic, repeat, in children (Fulton et al.), 60
Valvular aortic stenosis, congenital, discrete subaortic stenosis associated with– a diagnostic challenge (Schneeweiss et al.), 55
heart disease, noninvasive assessment of: surgery without catheterization (Borow et al.), 443
the need for an integrated noninvasive approach to (Borow), 1177
regurgitation, bilateral atrioventricular, supravalvular stenosing ring of the left atrium associated with (Isner et al.), 1150 (Brief comm.)
residua, cardiac, and sequelae after operation for congenital heart disease (Roberts), 1181
Valvuloplasty, aortic balloon (Lababidi), 751 (Brief comm.)
mitral, Carpentier, echocardiographic evaluation of (Kronzon et al.), 362
Vaporization of human thrombus by laser treatment (Lee et al.), 403 (Brief comm.)
Variant angina (pectoris), coronary arteriography and left ventriculography during spontaneous and exercise-induced ST segment elevation in patients with (Matsuda et al.), 509
mechanism of dysrhythmias in: occlusive versus reperfusion (Kerin et al.), 1332
salicylate-induced (Al-Abbasi), 1450 (Letter)
Reply (Miwa, Kambara, and Kawai), 1450
Vascular smooth muscle and myocardium at two levels of coronary occlusion in the dog, contrasting effects of nifedipine and verapamil on (Weintraub et al.), 1347
Vasodilation, coronary, influence of on the transmural distribution of myocardial blood flow distal to a severe fixed coronary artery stenosis (Gewirtz et al.), 674
Vasodilators, pulmonary, in postoperative pulmonary hypertension (Kashani), 778 (Letter)
Vasopressin, arginine, renin activity, and plasma norepinephrine to short-term nitroprusside and nitroprusside withdrawal in patients with congestive heart failure, acute response of (Francis et al.), 1315
Vasospasm, coronary, significance of the presence of: efficacy of nifedipine therapy in patients with refractory angina pectoris (Stone et al.), 644
Vasospastic angina, angiographic manifestation of: catheter-induced coronary artery spasm? (Mautner, Cooper, and Phillips), 659
Vasovagal syncope in children requiring pacemaker implantation (Sapire et al.), 1406
VCG and ECG recording, quality control calibrations for (Fesler, Robert, and Brohet), 424 (Letter)
Vein bypass graft patency, aortocoronary, efficacy of antiplatelet drugs in the maintenance of (Gitler and Gitler), 563
graft, saphenous, aortocoronary, occluded, late thrombolysis of an (Frumin et al.), 401 (Brief comm.)
Venous line location, central, in tricuspid endocarditis (Echeverria et al.), 1171 (Letter)
Ventricular arrhythmias and sleep (Rosenberg, Uretz, and Denes), 703
serious, sensitivity of various extrastimulus techniques in patients with (Platia et al.), 698
: use of electrophysiologic studies (Horowitz et al.), 881
contractile state, indices of: comparative sensitivity and specificity (Lambert, Nichols, and Pepine), 136
dysfunction, left, effect of combined nitroglycerin and dobutamine infusion in (Awan et al.), 35
ectopic activity, types of, and coupling interval associated with ventricular runs (Thanavaro et al.), 484
extrasystolic bigeminy, alternate long and short coupling intervals in (Kinoshita, Fukiwara, and Okimori), 1444
fibrillation and recurrent ventricular tachycardia, clinical efficacy of amiodarone in treatment of (Heger, Prystowsky, and Zipes), 887
comparative study of effect of slow channel inhibiting agents on ischemia-induced conduction delay as relevant to the genesis of (Peter et al.), 1023
during myocardial ischemia in the canine heart, repetitive extrasystole as an index of vulnerability to (Kowey, Verrier, and Lown), 1321
following verapamil in the Wolff-Parkinson-White syndrome (Gulamhusein, Ko, and Klein), 145 (Brief comm.)
or ventricular tachycardia, clinical characteristics and results of electrophysiologic testing in young adults with (Morady et al.), 1306
function, left, and arrhythmias after defibrillation during acute myocardial infarction in the intact dog (Geuze and de Vente), 292
depressed, and recurrent ventricular tachycardia, hemodynamic effects of intravenous amiodarone in patients with (Schwartz et al.), 848
effect of ventricular pacing on assessed by radionuclide angiography (Boucher et al.), 1105
poor: left bundle branch block, a predictor of in coronary artery disease (Hamby et al.), 471
muscle fibers, hypoxic canine, effects of glucose on transmembrane potential of (Ballantyne and Davis), 670
outflow tract obstruction, left, echocardiographic assessment of (Vered et al.), 177
pacing, effect of on left ventricular function assessed by radionuclide angiography (Boucher et al.), 1105
parasystole, double, associated with complete atrioventricular block (Takeda et al.), 1167 (Brief comm.)
parasystolic rhythm, effect of sinus impulses on (Kinoshita and Mizutani), 1162 (Brief comm.)
premature depolarizations, single and repetitive, ethmozine suppression of during therapy: documentation of efficacy and long-term safety (Pratt et al.), 85
rhythm, irregularity of, abnormal atrioventricular sequencing, and atrial fibrillation in a canine model, evaluation of relative roles of: hemodynamic consequences of cardiac arrhythmias (Naito et al.), 284
runs, coupling interval and types of ventricular ectopic activity associated with (Thanavaro et al.), 484
tachycardia, ambulatory: characteristics of the initiating beat (Swerdlow et al.), 1326
inducible sustained, refractory to individual class I drugs: effect of adding a second class I drug (Duffy et al.), 450
or ventricular fibrillation, clinical characteristics and results of electrophysiologic testing in young adults with (Morady et al.), 1306

Ventricular tachycardia—*continued*
recurrent, and depressed left ventricular function, hemodynamic effects of intravenous amiodarone in patients with (Schwartz et al.), 848
and ventricular fibrillation, clinical efficacy of amiodarone in treatment of (Heger, Prystowsky, and Zipes), 887
trazodone exacerbation of (Vlay and Friedling), 604 (Letter)
thromboembolism, right, echocardiographic diagnosis of (Woolridge and Healey), 590 (Brief comm.)
volume, left, rapid, semiautomated technique for estimating (Kantrowitz et al.), 521
Ventriculography, contrast, in patients with coronary artery disease, mechanism of increase in left ventricular end-diastolic pressure after (Slutsky et al.), 107
left, and coronary arteriography during spontaneous and exercise-induced ST segment elevation in patients with variant angina (Matsuda et al.), 509
and sublingual nitroglycerin administration in man, acute changes in infranodal conduction time following (Peters et al.), 464
radionuclide, assessment of alterations in left ventricular volumes and ejection fraction with during atrial pacing in patients with coronary artery disease (Dehmer et al.), 114
during exercise in patients with coronary heart disease, effects of beta-adrenergic blocking drugs on sensitivity and specificity of (Lindsay et al.), 271
Verapamil and nifedipine, comparison of the direct effects of on the electrical activity of the sinoatrial and atrioventricular nodes of the rabbit heart (Wu and Wit), 345
on myocardium and vascular smooth muscle at two levels of coronary occlusion in the dog, contrasting effects of (Weintraub et al.), 1347
and propranolol in chronic stable angina, double-blind randomized crossover trial of (Bowles et al.), 1297
diltiazem, and nifedipine, comparative experience during the initial year of therapy with: clinical outcome after treatment of rest angina with calcium blockers (Pepine et al.), 1341
for unstable angina at rest: a short-term randomized, double-blind study (Mauritson et al.), 652
in atrial fibrillation: the expected, the unexpected, and the unknown (Schwartz), 173
therapy, oral, long-term, in patients with rest angina (Mehta, Conti, and Pepine), 1133
ventricular fibrillation following in the Wolff-Parkinson-White syndrome (Gulamhusein, Ko, and Klein), 145 (Brief comm.)
Volume(s) curves, left ventricular, radionuclide, in angiographically proved normal subjects and patients with three-vessel coronary disease (Austin and Jones), 1357
Volumes—*continued*
left ventricular, and ejection fraction, alterations in during atrial pacing in patients with coronary artery disease: assessment with radionuclide ventriculography (Dehmer et al.), 114
rapid, semiautomated technique for estimating (Kantrowitz et al.), 521

W

Wall impaction, left ventricular, by mitral prosthesis, two-dimensional echocardiographic detection of (Rosenzweig and Nanda), 1069
motion abnormalities and electrocardiographic changes in acute transmural myocardial infarction: implications of reciprocal ST segment depression (Pichler et al.), 1003
posterior, abnormal diastolic left ventricular, in left ventricular hypertrophy (Kramer et al.), 1066
rupture, free, left ventricular, subacute, following acute myocardial infarction: bedside hemodynamics, differential diagnosis, and treatment (Coma-Canella et al.), 278
Washout rate, myocardial thallium, in the noninvasive diagnosis of patients with triple-vessel coronary artery disease, value and limitations of (Gewirtz et al.), 681
Waves, Q, in exercise testing, role of (Famularo, Vasilomanolakis, and Ellestad), 1448 (Letter)
Reply (Bateman and Berman), 1448
transient pathologic, during acute ischemic events: an electrocardiographic correlate of stunned but viable myocardium (Bateman et al.), 1421
Welcome (Trimazosin supplement) (Saxton), 1189
Wolff-Parkinson-White syndrome, effect of amiodarone in paroxysmal supraventricular tachycardia with or without (Wellens, Brugada, and Abdollah), 876
ventricular fibrillation following verapamil in the (Gulamhusein, Ko, and Klein), 145 (Brief comm.)
Women, middle-aged, coronary spastic angina in: a psychosomatic disorder? (Bashour, Hakim, and Cheng), 609

Y

Young adults with ventricular tachycardia or ventricular fibrillation, clinical characteristics and results of electrophysiologic testing in (Morady et al.), 1306
women, myocardial infarction, oral contraception, cigarette smoking, and coronary artery spasm in (Jugdutt et al.), 757 (Brief comm.)